

NDBC Technical Document 96-03



NDBC Data Availability Summary

Stennis Space Center
February 1997

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Data Buoy Center

NDBC Technical Document 96-03



NDBC Data Availability Summary

National Data Buoy Center
Stennis Space Center, Mississippi 39529-6000
February 1997

U.S. DEPARTMENT OF COMMERCE
Michael Kantor, Secretary

National Oceanic and Atmospheric Administration
Dr. D. James Baker, Administrator

National Data Buoy Center
Jerry C. McCall, Director

TABLE OF CONTENTS

	PAGE
GENERAL INFORMATION	iv
DATA FORMATS AND RESOLUTION	v
MOORED BUOY NETWORK	1
ATLANTIC	3
GREAT LAKES	15
GULF OF MEXICO	21
NORTH PACIFIC AND GULF OF ALASKA	29
HAWAIIAN ISLANDS	47
WESTERN PACIFIC	49
SOUTH PACIFIC	51
COASTAL-MARINE AUTOMATED NETWORK	53
C-MAN FIXED STATIONS	55
C-MAN WESTPAC STATIONS	71

NDBC DATA AVAILABILITY SUMMARY

GENERAL INFORMATION

The National Data Buoy Center (NDBC) has operated a network of moored buoys since the early 1970's. The first stations of the Coastal-Marine Automated Network (C-MAN) became operational in March 1983.

This NDBC Data Availability Summary, which is updated annually, is intended to be a quick reference to determine the types of data available, and when data acquisition systems were operating. Armed with this information, you can request archived NDBC data on magnetic tape, microfiche, or in printed form from the archive centers. These centers are:

National Climatic Data Center (NCDC)
Federal Building
Asheville, NC 28801
(704) 259-0682 or (704) CLIMATE

National Oceanographic Data Center (NODC)
1315 East-West Highway, # III Building
Silver Spring, MD 29010-3282
(301) 713-3267

If you desire data on magnetic tape, you can obtain file and format information from these Centers. Further questions may be directed to:

National Data Buoy Center (NDBC)
Data Systems Division
Building 1100
Stennis Space Center, MS 39529-6000
(601) 688-3134

Data from NODC include high resolution meteorological measurements, and full spectral wave data for each hour. Therefore, it is voluminous, even for fairly small data requests. Data from NCDC are available in three forms. Format TD 1129 closely resembles ship observations, and provides relatively low resolution. The data record for TD 1129 may not include all stations, nor include all data from each station, nor has it undergone final NDBC data quality control checks. Format TD 1171 includes high resolution meteorological and oceanographic data, but does not include hourly wave spectra. NCDC Format TD 1138 is identical to very high resolution NODC File Type 291, and includes full wave energy spectra data. You should check the data resolution table that follows to see whether you require a large amount of very detailed data, or whether the lower resolution data will meet your needs.

DATA FORMATS AND RESOLUTION

<u>Measurement</u>	<u>NCDC (TD 1129)</u>	<u>NCDC (TD 1171)</u>	<u>NCDC (TD 1138)</u> <u>NODC (File Type 291)</u>
Wind Direction	Ten Degrees	Whole Degree	Tenths of Degree
Wind Speed	Whole Knot (kt)	Tenths of Knots (kt)	Hundredths of Meter per Second (m/s)
Air Temperature	Tenths of Degree Celsius (C)	Tenths of Degree (C)	Tenths of Degree (C)
Barometric Pressure	Tenths of Hectopascal (hPa)	Tenths of Hectopascal (hPa)	Tenths of Hectopascal (hPa)
Sea Surface Temperature	Tenths of Degree Celsius (C)	Tenths of Degree (C)	Hundredths of Degree (C)
Significant Wave Height	Half Meter	Tenths of Meter	Tenths of Meter
Average & Dominant Wave Period	Seconds	Tenths of Second	Tenths of Second
Wave Spectra	None	None	Full (.01-.40 Hz)

Once you have obtained the data, you can obtain more information regarding system characteristics, such as sampling rates, averaging periods, accuracy, resolution, and ranges from the NDBC Data Systems Division.

The tables in this summary are easy to follow. The first section is for moored buoys, the second for C-MAN. The buoy section is divided into geographical areas, i.e., "Atlantic," "Great Lakes," etc. Each buoy listing includes WMO station identification, class (type) of buoy and payload aboard, geographic location, the listing of available data, and operational periods. The C-MAN listing is alphabetical, except that stations in the Western Pacific (WESTPAC) are listed at the end of the C-MAN section. It includes the name of the station, whether it is a headland ("land") or offshore ("platform") station, and electronics payload type. The data layout in the C-MAN section is similar to that for the moored buoys.

The listing of available data tells you which archive center has the data indicated, according to this legend:

- X Data available at both NCDC (TD 1129, TD 1171, TD 1138), and NODC (File Type 291 Format)
- N Data available only at NCDC (TD 1129, TD 1171, TD 1138)
- # Available only at NODC (File Type 291 Format)

Some data are archived for various parameters not normally reported by NDBC stations. These are indicated in the column marked "OTHER." The numbers under "OTHER" refer to the following:

- | | |
|---|------------------------------------|
| 1 - Sea surface temperature - # or N (TD 1129 only) | 6 - Half-hour winds archived - X |
| 2 - Subsurface temperature - X | 7 - Subsurface solar radiation - X |
| 3 - Solar radiation - X | 8 - Precipitation |
| 4 - Salinity - # | 9 - Tide |
| 5 - Visibility - X | 10 - Current Profile Data (ADCP) |

Every effort has been made to make the NDBC Data Availability Summary accurate. If you discover an error, or have any questions about our data, please contact NDBC Data Systems Division at (601) 688-3134.

NDBC DATA AVAILABILITY SUMMARY

MOORED BUOY NETWORK

NDBC DATA AVAILABILITY SUMMARY

2/28/97

ATLANTIC

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>									
EB01 (41001) 12D/PEB 35.0° N./72.0° W. 6/76-11/76 X X X X X X X 1									
11/76-5/77 X X X X X X X									
6/77 X X X X X X X									
7/77-9/77 X X X X X X X									
<hr/>									
XERB1 12D/EEP 36.5° N./73.5° W. 2/70-6/72 X X X X X X X									
10/72-4/73 X X X X X X X									
8/73-3/74 X X X X X X X									
12/74-4/75 X X X X X X X									
<hr/>									
EB91 (EB52) MVX/LCB 38.4° N./74.3° W. 8/75-10/75 X X X X X X									
<hr/>									
41001 12D/PEB 35.0° N./72.0° W. 4/78-1/79 X X X X X X									
<hr/>									
12D/UDACS(A) 34.7° N./72.3° W. 9/79-10/79 X X X X X X									
11/79-12/80 X X X X X X									
12/80-2/81 X X X X X X									
2/81-5/81 X X X X X X									
11/81-2/83 X X X X X X									
8/82-9/84 X X X X X X									
11/84-2/85 X X X X X X									
3/85-4/85 X X X X X X									
5/85-7/85 X X X X X X									
8/85-3/86 X X X X X X									
5/86-6/87 X X X X X X									
8/87-12/87 X X X X X X									
1/88 X X X X X X									
2/88-4/88 X X X X X X									
8/88-7/89 X X X X X X									
<hr/>									
6N/DACT 34.9° N./73.0° W. 8/89-11/89 X X X X X X									
12/89 X X X X X X									
1/90-2/91 X X X X X X									
<hr/>									
34.9° N./72.9° W. 4/91-9/91 X X X X X X									
<hr/>									
34.9° N./73.0° W. 10/91-11/92 X X X X X									
<hr/>									
34.7° N./72.7° W. 3/93-8/94 X X X X X X									

NDBC DATA AVAILABILITY SUMMARY

2/28/97

ATLANTIC (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
LAT/LON OPER. PERIOD										
41001 Cont. 34.7 N/72.6 W										
10/94-6/95		X	X	X	X		X	X		
7/95-2/96		X	X	X	X		X	X		
3/96-12/96		X	X	X	X		X	X		
41002 (EB13) 12D/EEP 32.3° N./75.3° W.										
12/73-6/74		X	X		X		X	X	X	3,4
8/74-6/75		X	X		X		X	X	X	
8/75-11/75		X	X				X	X	X	3,4
(EB15) 12D/PEB										
11/75-4/76		X	X		X		X	X		1
4/76-5/76		X	X		X		X	X		1
6/76-1/77		X	X		X		X	X		1
1/77-12/77		X	X		X		X	X		
1/78-7/78		X	X		X		X	X		
10D/GSBP										
1/79-1/80		X	X				X	X		
4/80-9/81		X			X		X	X		
9/81-11/81		X			X		X	X		
1/82-8/82		X	X		X		X	X		
6N/GSBP										
8/82-7/83		X	X		X		X	X		
7/83-9/83		X	X				X	X		
9/83-4/84		X	X		X		X	X		
4/84-9/84		X	X				X	X		
9/84-10/84		X	X		X		X	X		
10/84-1/85		X	X				X	X		
1/85-5/85		X	X		X		X	X		
6/85-8/85		X	X				X	X		
8/85-11/85		X	X		X		X	X		
3/86-5/86		X	X		X		X	X		
6/86-2/87		X	X		X		X	X		
3/87-7/87		X	X		X		X	X		
8/87-5/88		X	X		X		X	X		
6/88-8/88		X	X		X		X	X		
10/88-5/89		X	X		X		X	X		
6N/DACT										
6/89-12/89		X	X	X	X		X	X		
6N/GSBP										
3/90		X	X		X		X	X		
6N/DACT										
4/90-5/90		X	X		X		X	X		
6/90-8/90		X	X		X		X	X		
9/90		X	X		X		X	X		
10/90-11/90		X	X				X	X		
12/90-1/92		X	X	X	X		X	X		
4/92-6/92		X	X	X	X		X	X		
7/92-8/92		X			X		X	X		
9/92-8/95		X	X	X	X		X	X		
9/95		X	X	X	X		X	X		
10/95-11/95		X	X	X			X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

ATLANTIC (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
LAT/LON OPER. PERIOD										
41002 Cont.										
12/95-3/96		X	X	X			X	X		
4/96		X	X	X	X		X	X		
7/96		X	X				X	X		
8/96-12/96		X	X	X	X		X	X		
41003 (EB05) 12D/MVXII 30.4° N./80.1° W. 7/77-10/77		X	X				X	X		
6N/GSBP 30.3° N./80.4° W.										
10/79-1/81		X	X		X		X	X		
3/81-4/81		X	X		X		X	X		
4/81-5/81		X	X		X		X	X		
5/81-8/81		X	X		X		X	X		
8/81-10/81		X	X				X	X		
10/81-1/82		X	X		X		X	X		
41004 5D/GSBP 32.6° N./78.7° W.										
6/78-7/78		X	X				X	X		
8/78		X					X	X		
9/78-1/80		X	X				X	X		
5/80-2/81		X	X		X		X	X		
9/81-7/82		X	X		X		X	X		
3D/DACT 32.4° N./78.9° W.										
2/86-3/86		X	X		X		X	X		
32.5° N./79.1° W.										
6/92-9/92		X	X		X		X	X		
10/92-11/92		X	X	X	X		X	X		
12/92		X					X	X		
1/93-5/93		X	X	X			X	X		
7/93-12/94		X	X	X		X	X	X		
1/94-2/95			X	X	X		X	X		
3/95-6/95			X	X		X		X		
7/95-9/96		X	X	X		X	X	X		
41005 6N/GSBP 31.7° N./79.7° W.										
3/79-4/80		X	X				X	X		
5/80-9/80		X	X		X		X	X		
12/80-9/81		X	X		X		X	X		
9/81-1/82		X	X				X	X		
41006 6N/GSBP 29.3° N./77.4° W.										
5/82-7/86		X	X		X		X	X		
8/86		X	X				X	X		
10/86-3/87		X	X		X		X	X		
6/87-3/88		X	X		X		X	X		
7/88-9/89		X	X		X		X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

ATLANTIC (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
LAT/LON OPER. PERIOD										
41006 Cont. 6N/DACT										
2/90-2/91		X	X	X	X		X	X		
1/92-10/92		X	X	X	X		X	X		
11/92-2/94		X			X		X	X		
29.3° N./77.3° W. 2/94-4/96		X	X	X	X		X	X		
41007 3D/DACT										
34.2° N./76.5° W. 1/86-2/86		X	X		X		X	X		
4/86		X			X		X	X		
41008 3D/DACT										
30.7° N./81.1° W. 3/88-4/92		X	X		X	X	X	X		
41009 3D/DACT										
28.5° N./80.2° W. 8/88-1/89		X	X		X		X	X		6
2/89		X			X		X	X		
3/89-9/90		X	X		X		X	X		6
10/90		X	X		X		X			6
11/90-9/92		X	X		X		X	X		6
6N/DACT 9/92-2/93		X	X		X		X	X		6
10D/DACT										
2/93-4/93		X	X		X	X	X	X		6
5/93-6/93		X	X		X	X	X	X		6
7/93-11/94		X	X		X	X	X	X		6
12/94-1/95		X	X		X	X	X	X		6
2/95-2/96		X	X		X	X	X	X		6
3/96-12/96		X	X				X	X		6
41010 10D/DACT										
28.9° N./78.5° W. 11/88-1/92		X	X		X		X	X		6
6N/DACT 3/92-12/96		X	X		X		X	X		6
41011 6N/DACT										
28.2° N./80.1° W. 7/89-10/89		X	X		X		X	X		
41015 3D/DACT										
35.4° N./75.3° W. 5/93-7/93		X	X		X	X	X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

ATLANTIC (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
LAT/LON OPER. PERIOD										
41016 12D/GSBP 24.6° N./76.5° W. 5/92-6/92		X	X				X	X		
7/92-6/95		X	X		X		X	X		
41017 3D/DACT 35.4° N./75.1° W. 8/91-10/91		X	X		X		X	X		
5/93-12/94		X	X		X		X	X		
41018 3D/DACT 15.0° N./75.0° W. 8/94-3/95		X	X		X		X	X		
9/95-2/96		X	X		X		X	X		
41021 3D/DACT 31.9° N./80.9° W. 7/94-9/94		X	X	X	X		X	X		
31.9° N./80.8° W. 12/94		X	X	X	X		X	X		
4/95-12/95		X	X	X	X		X	X		
3D/VEEP 31.9°N./80.9°W. 3/96-9/96		X	X	X	X		X	X		
10/96-11/96		X	X	X	X		X	X		
41022 3D/VEEP 31.9°N./80.6°W. 7/95-11/95		X	X	X	X		X	X		
12/95		X	X	X	X		X	X		
31.9°N./80.9°W. 3/96-8/96		X	X	X	X		X	X		
9/96-12/96		X	X	X	X		X	X		
41023 3D/VEEP 31.9°N./80.9°W. 3/96-9/96		X	X	X	X		X	X		
44001 (EB41) 5D/MVX1 38.7° N./73.6° W. 10/75-9/76		X	X		X		X	X		
11/76-4/77		X	X		X		X	X		
6/77-12/77		X	X		X		X	X		
6N/GSBP 7/78-2/79		X	X				X	X		
3/79-10/79		X	X				X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

ATLANTIC (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
LAT/LON OPER. PERIOD										
44001 Cont. 3D/DACT 38.4° N./73.6° W. 9/90-4/91		X	X		X	X	X	X		
44003 (EB63) 6N/MVXII 40.8° N./68.5° W. 3/77-10/77		X	X				X	X		
10/77-11/77		X					X	X		
1/78-2/78		X	X				X	X		
4/78-5/78		X	X				X	X		
6/78-7/78		X						X		
3/80-4/80		X			X		X	X		
4/80-7/80		X	X		X		X	X		
8/80-9/80		X	X		X		X	X		
6N/GSBP 9/80-2/81		X			X		X	X		
2/81-6/81		X	X		X		X	X		
7/81-10/81		X	X				X	X		
10/81-3/84		X	X		X		X	X		
44004 (EB07) 12D/PEB 39.0° N./70.0° W. 9/77-10/77		X	X				X	X		1
10/77-12/77		X	X		X		X	X		1
12D/UDACS(A) 1/78-4/78		X	X		X		X	X		
4/78-8/78		X	X				X	X		1
8/78-6/79		X	X		X		X	X		
8/79-9/79		X	X		X		X	X		
9/79-10/79		X	X				X	X		
11/79-6/80		X	X		X		X	X		
10/80-5/81		X	X		X		X	X		
12D/GSBP 38.5° N./70.7° W. 6/82-5/84		X	X		X		X	X		
12D/UDACS(A) 8/84-12/84		X	X				X	X		
38.4° N./70.6° W. 12/84-9/85		X	X		X		X	X	X	
6N/GSBP 38.5° N./70.6° W. 12/85		X			X		X	X		
1/86-3/87		X	X		X		X	X		
4/87		X			X		X	X		
5/87-1/88		X	X		X		X	X		
2/88		X	X				X	X		
3/88-11/88		X	X		X		X	X		
12/88-2/89		X	X		X		X	X		
3/89-7/89		X	X		X		X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

ATLANTIC (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>										
44004 Cont.										
6N/DACT										
10/89-12/89	X	X			X		X	X		
1/90-6/90	X	X			X		X	X		
7/90	X				X		X	X		
8/90-10/91	X	X	X		X		X	X		
38.4° N./70.7° W.										
11/91-6/94	X	X	X		X		X	X		
38.5° N./70.7° W.										
7/94-10/94	X	X	X		X		X	X		
12/94-2/95	X	X	X		X		X	X		
3/95-6/95	X				X		X	X		
7/95-9/95	X	X	X		X		X	X		
10/95-8/96	X	X			X		X	X		
9/96-11/96	X	X	X		X		X	X	X	
12/96	X	X	X				X	X		
44005										
12D/PEB										
42.7° N./68.3° W.										
12/78-5/79	X	X			X			X		2
12D/UDACS(A)										
5/79-5/80	X	X			X		X	X		
1/81-2/81	X	X					X	X		
3/81-4/81	X	X			X		X	X		
4/81-5/81	X	X			X					
5/81-6/81	X				X					
7/81-4/82	X	X			X		X	X		
4/82-10/82	X	X			X		X	X		
10/82-3/83	X	X			X		X	X		
6N/GSBP										
4/83-8/84	X	X			X		X	X		
10/84-4/86	X	X			X		X	X		
5/86-3/88	X	X			X		X	X		
42.7° N./68.6° W.										
6/88-12/89	X	X			X		X	X		
6N/DACT										
1/90-8/91	X	X	X		X			X		
42.6° N./68.6° W.										
1/92-3/93	X	X	X		X		X	X		
4/93-5/93	X				X					
6/93-1/94	X	X	X		X		X	X		
42.9° N./68.9° W.										
4/94-7/95	X	X	X		X		X	X		
8/95										
9/95-8/96	X	X	X		X		X	X		
12/96	X	X	X				X	X		
44006										
12D/GSBP										
36.3° N./75.4° W.										
10/80-12/80	X	X					X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

ATLANTIC (CONTINUED)

NDBC DATA AVAILABILITY SUMMARY

2/28/97

ATLANTIC (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>										
44008 Cont.										
2/89-5/89	X	X			X		X	X		
6/89-12/91	X	X	X		X		X	X		
1/92	X	X			X		X	X		
2/92-12/92	X	X	X		X		X	X		
4/93-2/94	X	X	X		X		X	X		
3/94	X	X	X		X			X		
4/94-7/94	X	X	X		X		X	X		
8/94-10/94	X	X	X		X			X		
11/94-12/94	X	X	X		X		X	X		
1/95	X				X		X	X		
2/95-3/95	X		X		X		X	X		
4/95-1/96	X	X	X		X			X		
3D/DACT										
5/96	X		X	X	X		X	X		
7/96-12/96	X		X	X	X		X	X		
44009										
LNB/DACT										
38.5° N./74.6° W.										
1/84-1/85	X		X				X	X		
2/85-12/85	X		X				X	X		
3/86-4/86	X		X				X	X		
6/86-11/88	X		X			X	X	X		
1/89	X		X			X	X	X		
2/89	X					X	X	X		
3/89-6/90	X		X			X	X	X		
7/90	X					X	X	X		
8/90-12/90	X		X			X	X	X		
1/91	X					X	X	X		
2/91-3/91	X					X	X	X		
4/91	X					X	X	X		
5/91-10/92	X		X			X	X	X		
3D/DACT										
38.5° N./74.7° W.										
5/93-12/93	X		X			X	X	X	X	
1/94-5/94	X		X				X	X		
6/94-9/95	X		X			X	X	X	X	
11/95-12/96	X		X			X	X	X	X	
44010										
3D/GSBP										
36.9° N./75.7° W.										
2/84-5/84	X		X			X		X	X	
5/84-8/84	X					X		X	X	
8/84-11/84	X		X			X		X	X	
3D/VEEP										
36.0° N./75.0° W.										
7/94-5/95	X		X			X		X	X	
6/95	X		X					X	X	
44011										
10D/GSBP										
41.1° N./66.6° W.										
5/84-2/85	X		X			X		X	X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

ATLANTIC (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>										
44011 Cont.										
6N/GSBP										
3/85-2/86	X	X			X		X	X		
4/86-3/88	X	X			X		X	X		
5/88-12/89	X	X			X		X	X		
6N/DACT										
1/90	X	X			X		X	X		
2/90-12/90	X	X	X		X		X	X		
1/91-2/91	X	X			X		X	X		
3/91-6/91	X	X	X		X		X	X		
9/91-11/92	X	X	X		X		X	X		
4/93-5/93	X	X	X		X		X	X		
6/93-10/93	X	X	X		X		X	X		
12/93-12/94	X	X	X		X		X	X		
1/95	X	X					X	X		
2/95-3/96	X	X	X		X		X	X		
5/96-12/96	X	X	X		X		X	X		
44012										
LNB/DACT										
38.8° N./74.6° W.										
6/84-8/86	X	X					X	X		
10/86-11/87	X	X			X		X	X		
1/88-5/88	X	X			X		X	X		
6/88-9/88		X			X		X	X		
9/88-3/89	X	X			X		X	X		
9/90-11/92	X	X			X		X	X		
44013										
LNB/DACT										
42.4° N./70.8° W.										
8/84-5/86	X	X					X	X		
6/86-7/87	X	X			X		X	X		
8/87	X				X		X	X		
10/87-4/88	X	X			X		X	X		
5/88-11/88	X				X		X	X		
12/88-8/90	X	X			X		X	X		
9/90	X				X		X	X		
10/90-9/93	X	X			X		X	X		
3D/DACT										
10/93-6/94	X	X			X	X	X	X		
7/94-8/94	X				X	X	X	X		
9/94	X	X			X	X	X	X		
10/94-10/95	X	X			X	X	X	X		
11/95-12/96	X	X			X	X	X	X		
44014										
3D/DACT										
36.6° N./74.8° W.										
10/90-6/92	X	X			X	X	X	X		
7/92-9/92	X	X			X	X	X	X		
10/92-10/93	X	X			X	X	X	X		
11/93-12/93	X				X	X	X	X		
1/94-2/94	X	X			X	X				
3/94	X	X					X	X		
4/94	X	X			X	X	X	X		
5/94-12/94	X	X			X	X	X	X		
1/95	X						X			

NDBC DATA AVAILABILITY SUMMARY

2/28/97

ATLANTIC (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
LAT/LON OPER. PERIOD										
44014 Cont. 2/95-3/95 4/95		X	X		X	X	X			
3D/VEEP 6/95-11/95 12/95 1/96-12/96		X	X		X	X	X	X	X	
44015 3D/DACT 37.5° N./73.4° W. 9/90-11/90 12/90-1/91 2/91-4/91		X	X		X	X	X	X	X	
44019 3D/VEEP 36.4° N./75.2° W. 12/94 2/95-3/95 4/95-6/95		X	X		X	X	X	X	X	
44023 3D/DACT 37.5° N./74.4° W. 1/91-4/91		X	X		X	X	X	X	X	
44025 (EB34) 6N/MVXI 40.1° N./73.0° W. 10/75-7/76 11/76-12/76 3/77-12/77		X	X		X	X	X	X	X	
(44002) 6N/MVXI 1/78-9/78 11/78-12/78		X	X		X	X	X	X	X	
6N/GSBP 2/79-9/80		X	X				X	X		
3D/DACT 40.3° N./73.2° W. 4/91-6/96		X	X		X	X	X	X	X	
44026 3D/DACT 36.0° N./73.5° W. 8/91-10/91		X	X		X	X	X	X	X	
44028 LNB/DACT 41.4° N./71.1° W. 7/94-11/95 12/95-4/96 5/95-9/96 10/96-12/96		X	X	X	X		X	X		

GREAT LAKES

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	SEA	DPT	OTHER
<hr/>									
45001 6N/GSBP 48.0° N./87.6° W. 5/79-12/79 4/80-11/80 5/81-11/81 5/82-10/82 10/82-11/82 4/83-5/84 5/84-11/84	X	X		X		X	X		
	X	X		X		X	X		
	X	X		X		X	X		
	X	X		X		X	X		
	X	X		X		X	X		
	X	X		X		X	X		
12D/DACT 8/85-10/85	X	X		X		X	X		
12D/GSBP 48.0° N./87.7° W. 11/85-2/86 5/86-6/86 7/86 8/86-12/86 1/87-4/87 5/87-11/87 12/87 1/88-2/88	X		X	X		X	X		
	X		X	X		X	X		
	X		X	X		X	X		
	X		X	X		X	X		
	X		X	X		X	X		
	X		X	X		X	X		
47.6° N./87.1° W. 5/88-8/88 9/88 10/88	X	X		X		X			
	X	X		X		X			
	X	X		X		X			
12D/GSBP 48.0° N./87.7° W. 11/88 12/88-3/89	X			X		X	X		
	X			X		X	X		
3D/DACT 4/89-12/89 4/90-12/90	X	X		X		X	X		
	X	X		X		X	X		
3D/VEEP 48.0° N./87.8° W. 5/91-9/91 10/91 4/92-11/92 4/93-11/93 5/94-10/94 4/95-10/95 4/96-11/96	X	X		X		X	X		
	X	X		X		X	X		
	X	X		X		X	X		
	X	X		X		X	X		
	X	X		X		X	X		
	X	X		X		X	X		
45002 6N/GSBP 45.3° N./86.3° W. 9/79-12/79 5/80-7/80 7/80-12/80 5/81-11/81 4/82-11/82 4/83-5/83 5/83-7/83 7/83-9/83	X	X		X		X	X		
	X	X		X		X	X		
	X	X		X		X	X		
	X	X		X		X	X		
	X	X		X		X	X		
	X	X		X		X	X		
	X	X		X		X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

GREAT LAKES (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE		
LAT/LON OPER. PERIOD	AIR						SEA	DPT	OTHER
45002 Cont.									
9/83-11/83	X		X		X		X	X	
11/83-12/83	X				X		X	X	
4/84-9/84	X		X		X		X	X	
9/84-10/84	X		X				X		
10/84-12/84	X		X		X		X	X	
3D/DACT									
4/85-9/85	X		X				X	X	
10/85	X		X		X		X	X	
11/85	X				X		X	X	
6N/DACT									
45.3° N./86.4° W.									
6/86-11/86	X		X		X		X	X	
4/87-11/87	X		X		X		X	X	
3D/DACT									
3/88-11/88	X		X		X		X	X	
12D/DACT									
1/89-3/89	X		X		X		X	X	
3D/DACT									
5/89-11/89	X		X		X		X	X	
12D/GSBP									
5/90	X		X		X		X	X	
6/90-7/90	X		X				X	X	
8/90-9/90	X		X		X		X	X	
10/90-4/91	X				X		X	X	
5/91-7/91	X		X		X		X	X	
8/91-9/91	X						X	X	
10/91-2/92	X				X		X	X	
3D/VEEP									
3/92-11/92	X		X		X		X	X	
4/93-11/93	X		X		X		X	X	
3/94-11/94	X		X		X		X	X	
3/95-11/95	X		X		X		X	X	
4/96-11/96	X		X	X	X		X	X	
45003									
6N/GSBP									
45.3° N./82.8° W.									
5/80-12/80	X		X		X		X	X	
5/81-10/81	X		X		X		X	X	
10/81-11/81	X		X				X	X	
5/82-11/82	X		X		X		X	X	
4/83-5/83	X		X		X		X	X	X
6/83-12/83	X		X		X		X	X	
4/84-6/84	X		X		X		X	X	
6/84-9/84	X		X				X		
9/84-11/84	X		X		X		X	X	
4/85-11/85	X		X		X		X	X	
6N/DACT									
5/86-12/86	X		X		X		X	X	
3D/DACT									
3/87-11/87	X		X		X		X	X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

GREAT LAKES (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>										
45003 Cont.					X		X	X		
4/88-11/88	X	X								
5/89-12/89	X	X			X		X	X		
6N/GSBP										
45.3° N./82.7° W.							X	X		
5/90-7/90	X	X								
8/90-11/90	X	X			X		X	X		
3D/VEEP										
4/91-5/91	X	X			X		X	X		
6/91-8/91	X	X					X	X		
9/91-11/91	X	X			X		X	X		
4/92-11/92	X	X			X		X	X		
4/93-10/93	X	X			X		X	X		
4/94-11/94	X	X			X		X	X		
45.3° N./82.8° W.					X		X	X		
3/95-11/95	X	X								
4/96-11/96	X	X	X		X		X	X		
45004										
6N/GSBP										
47.2° N./86.5° W.										
4/80-8/80	X	X			X		X	X		
8/80-11/80	X	X					X	X		
5/81-11/81	X	X			X		X	X		
5/82-11/82	X	X			X		X	X		
4/83-6/83	X	X					X	X	X	
6/83-7/83	X	X					X	X		
7/83-9/83	X	X			X		X	X		
9/83-11/83	X	X					X	X		
6/84-9/84	X	X			X		X	X		
9/84-10/84	X						X			
10/84-11/84	X	X			X		X	X		
7/85-11/85	X	X			X		X	X		
6/86-11/86	X	X			X		X	X		
4/87-11/87	X	X			X		X	X		
4/88-11/88	X	X			X		X	X		
4/89-12/89	X	X			X		X	X		
12D/GSBP										
47.5° N./86.5° W.										
4/90-7/90	X	X					X	X		
8/90-9/90	X	X			X		X	X		
10/90-1/91	X				X		X	X		
2/91-3/91					X					
4/91		X			X					
5/91-9/91	X	X			X		X	X		
10/91-11/91	X				X		X	X		
3D/VEEP										
4/92-11/92	X	X			X		X	X		
4/93-7/93	X	X			X		X	X		
47.6° N./86.5° W.										
5/94-10/94	X	X			X		X	X		
4/95-10/95	X	X			X		X	X		
4/96-11/96	X	X	X		X		X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

GREAT LAKES (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>									
45005 6N/GSBP 41.7° N./82.5° W.									
6/80-12/80	X	X		X		X	X		
4/81-10/81	X	X		X		X	X		
11/81-12/81	X			X		X	X		
4/82-12/82	X			X		X	X		
4/83-12/83	X			X		X	X		
5/84-12/84	X	X		X		X	X		
41.7° N./82.4° W.				X		X	X		
4/85-9/85	X	X							
<hr/>									
3D/DACT 6/86-9/86	X	X		X		X	X		
10/86-11/86	X	X		X		X	X		
4/87-11/87	X	X		X		X	X		
4/88-11/88	X	X		X		X	X		
5/89-9/89	X	X		X	X	X	X		
10/89	X			X	X	X	X		
5/90-12/90	X	X		X	X	X	X		
4/91-8/91	X	X		X	X	X	X		
5/92-11/92	X	X		X	X	X	X		
5/93-11/93	X	X		X	X	X	X		
5/94-11/94	X	X		X	X	X	X		
4/95-11/95	X	X		X	X	X	X		
5/96-11/96	X	X	X			X	X		
<hr/>									
45006 6N/GSBP 47.3° N./90.0° W.									
6/81-11/81	X	X		X		X	X		
5/82-11/82	X	X		X		X	X		
4/83-11/83									
5/84-11/84	X	X		X		X	X		
7/85-11/85	X	X		X		X	X		
<hr/>									
6N/DACT 47.3° N./89.8° W.				X		X	X		
6/86-11/86	X	X		X		X	X		
<hr/>									
3D/DACT 47.3° N./89.9° W.									
4/87-11/87	X	X		X		X	X		
4/88-11/88	X	X		X		X	X		
4/89-12/89	X	X		X		X	X		
4/90-11/90	X	X		X		X	X		
<hr/>									
6N/GSBP 4/91-10/91	X	X		X		X	X		
4/92-11/92	X	X		X		X	X		
4/93-11/93	X	X		X		X	X		
5/94-10/94	X	X		X		X	X		
4/95-10/95	X	X		X		X	X		
<hr/>									
6N/DACT 4/96-11/96	X	X		X		X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

GREAT LAKES (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>									
45007									
6N/GSBP									
42.7° N./87.1° W.									
7/81-8/81	X	X				X	X		
8/81-12/81	X	X		X		X	X		
3/82-12/82	X	X				X	X		
3/83-5/83	X	X				X	X		1
5/83-11/83	X	X		X		X	X		1
3/84-4/84	X	X		X		X	X		
4/84-11/84	X	X		X		X	X		1
4/85-10/85	X	X		X		X	X		
11/85-12/85	X	X				X	X		
5/86-9/86	X	X		X		X	X		
10/86	X	X				X	X		
11/86	X	X		X		X	X		
3/87-10/87	X	X		X		X	X		
11/87		X		X		X	X		
6N/DACT									
3/88-12/88	X	X		X		X	X		
3D/DACT									
3/89-11/89	X	X		X		X	X		
4/90-11/90	X	X		X	X	X	X		
4/91-5/91	X	X				X	X		
6/91-10/91	X	X		X	X	X	X		
3/92-11/92	X	X		X	X	X	X		
3/93-11/93	X	X		X	X	X	X		
3/94-11/94	X	X		X	X	X	X		
42.7° N./87.0° W.									
3/95-11/95	X	X		X	X	X	X		
3/96-12/96	X	X		X	X	X	X		
45008									
6N/GSBP									
44.3° N./82.4° W.									
9/81-11/81	X	X		X		X	X		
4/82-5/82	X	X		X		X	X		
5/82-6/82	X	X		X		X	X		
7/82-11/82	X	X		X		X	X		
3/83-12/83	X	X		X		X	X		
4/84-12/84	X	X		X		X	X		
4/85	X	X		X		X	X		
5/85-12/85	X	X		X		X	X		
3D/DACT									
5/86-10/86	X	X		X		X	X		
11/86-12/86		X		X		X	X		
6N/DACT									
3/87-11/87	X	X		X		X	X		
5/88-10/88	X	X		X		X	X		
3D/DACT									
5/89-11/89	X	X		X		X	X		
6N/GSBP									
5/90-11/90	X	X		X		X	X		
4/91-11/91	X	X		X		X	X		
4/92-11/92	X	X		X		X	X		
4/93-11/93	X	X		X		X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

GREAT LAKES (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	SEA	DPT	OTHER
45008 Cont.									
3D/DACT									
4/94-11/94	X	X		X		X	X		
4/95-11/95	X	X		X		X	X		
24DV1									
5/96-11/96	X	X	X	X		X	X		
45009									
3D/DACT									
41.6° N./82.0° W.									
6/83-12/83	X	X		X		X	X		
45010									
2.4D/DACT									
43.0° N./87.8° W.									
6/93-11/93	X	X		X	X	X	X		
5/94-10/94	X	X		X	X	X	X		
11/94	X			X	X	X	X		
4/95-11/95	X	X		X	X	X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

GULF OF MEXICO

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	SEA	DPT	OTHER
EB10 12D/EEP 27.5° N./88.0° W. 10/72-7/74 6/75-1/76	X X	X X				X X	X X	X X	3,4 1,3,4
EB31 GE/LCB 27.0° N./86.0° W. 3/73-5/73	X	X				X	X		
EB32 GE-LCB 27.0° N./84.3° W. 9/74-1/75	X	X				X	X		
EB36 LHD/LCB 26.0° N./84.8° W. 3/73-4/73	X	X				X	X		
EB52 MVX/LCB 26.0° N./83.8° W. 2/73-4/73	X	X				X	X		
EB53 MVX/LCB 29.8° N./88.3° W. 3/73	X	X				X	X		
EB61 GE/LCB 26.9° N./84.6° W. 2/73-5/73	X	X				X	X		
26.0° N./84.0° W. 9/74-1/75	X	X				X	X		
EB62 GE/LCB 29.0° N./85.6° W. 11/74-1/75	X	X				X	X		
EB92(EB61) GE/LCB 28.5° N./90.0° W. 9/75-5/77	X	X				X			
42001 (EB04) 12D/VEEP 26.0° N./90.0° W. 8/75-12/75 1/76-2/76 2/76-8/76 8/76-9/76 9/76-10/76 12/76-3/77	X X X X X X	X X X X X X		X X X X X X		X X X X X X	X X X X X X	X X X X X X	3,4 3,4 3,4 3 3

NDBC DATA AVAILABILITY SUMMARY

2/28/97

GULF OF MEXICO (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>										
42001 Cont.										
6N/MVXII										
5/77-12/77	X	X			X		X	X		
4/78-7/78	X	X			X		X	X		
7/78-9/78	X	X			X		X	X		
9/78-2/79	X	X			X		X	X		
3/79-4/79	X	X			X		X	X		
4/79-8/79	X	X			X		X	X		
10D/GSBP										
25.9° N./89.7° W.										
8/79-9/79	X	X			X		X	X		
12/79-2/80	X	X			X		X	X		
4/80-12/80	X	X			X		X	X		
12/80-4/81	X	X					X	X		
4/81-5/81	X				X		X	X		
10D/UDACS(A)										
5/81-4/84	X	X			X		X	X		
4/84-5/84		X			X		X	X		
5/84-3/85	X	X			X		X	X		
4/85		X			X		X	X		
10D/GSBP										
5/85	X	X			X		X	X		
7/85-8/85	X	X			X		X	X		
9/85	X	X			X		X	X		
10/85	X	X			X		X	X		
11/85	X	X					X	X		
12/85-1/88	X	X			X		X	X		
3/88-6/88	X	X			X		X	X		
7/88-9/88	X				X		X	X		
10/88-3/89	X	X			X		X	X		
10D/DACT										
5/89	X	X			X		X	X		
6/89-6/91	X	X			X		X	X		
8/91-4/92	X	X			X		X	X		
10D/VEEP										
6/92	X	X	X		X		X	X		
7/92-5/94	X	X	X		X		X	X		
6/94	X	X			X		X	X		
7/94-7/95	X	X	X		X		X	X		
8/95-11/95	X	X	X		X	X	X	X		
12/95-1/96	X	X	X				X	X		
2/96	X	X	X		X		X	X		
3/96	X	X	X		X	X	X	X		
6/96-12/96	X	X	X		X		X	X		
42002										
(EB12)										
12D/EEP										
26.0° N./94.0° W.										
6/73-1/75	X	X					X	X	X	3,4
1/75-3/75	X	X					X	X	X	3
(EB71)										
12D/MVXII										
26.0° N./93.5° W.										
9/76-10/76	X	X					X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

GULF OF MEXICO (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE		TEMPERATURE			OTHER
LAT/LON OPER. PERIOD					NONDIR	DIR	AIR	SEA	DPT	
42002 Cont.										
10/76-12/77	X		X		X		X	X		
1/78-7/78	X		X		X		X	X		
10D/GSBP										
8/78-12/79	X		X				X	X		
12/79-8/80	X		X				X	X		
8/80-8/82	X		X				X	X		
9/82-2/85	X		X				X	X		
10D/UDACS (A)										
2/85-4/85	X		X		X		X	X		
5/85-5/86	X		X		X		X	X		
6/86-9/86	X		X		X		X			
10D/GSBP										
11/86-5/88	X		X		X		X	X		
10D/DACT										
26.0° N./93.5° W.										
6/88-10/88	X		X		X		X	X		
11/88-1/89	X		X	X	X		X	X		
2/89-5/89	X		X	X	X		X			
6/89-7/90	X		X	X	X		X	X		
25.9° N./93.6° W.										
8/90-5/93	X		X	X	X		X	X		
25.9° N./93.9° W.										
6/93-7/94	X		X	X	X		X	X	X	
25.9° N./93.6° W.										
8/94	X		X	X	X	X	X	X	X	
9/94-1/95	X		X		X		X	X	X	
2/95-7/95	X		X		X	X	X	X	X	
8/95-12/96	X		X	X	X	X	X	X	X	
42003										
(EB44)										
6N/MVXII										
26.0° N./86.0° W.										
11/76-1/77	X		X				X	X		
7/77-12/77	X		X		X		X	X		
1/78-10/79	X		X		X		X	X		
10/79-11/79	X		X		X		X	X		
6N/GSBP										
1/80-7/80	X		X		X		X	X		
10D/UDACS(A)										
26.0° N./85.9° W.										
9/80-2/83	X		X		X		X	X		
2/83-5/83	X		X				X	X		
6/83-11/83	X		X		X		X	X		
11/83-12/83	X		X		X		X	X		
3/84-4/86	X		X		X		X	X		
10D/GSBP										
4/86-10/86	X		X		X		X	X		
11/86-3/87	X		X				X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

GULF OF MEXICO (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
LAT/LON OPER. PERIOD									
42003 Cont. 25.9° N./85.9° W.				X		X	X		
4/87-11/87	X	X							
12/87	X	X				X	X		
10D/DACT									
5/88-4/89	X	X		X		X	X		
5/89	X	X		X		X	X		
6/89-7/89	X	X	X	X		X	X		
8/89	X	X	X	X		X	X		
9/89-10/89	X	X	X	X					
11/89-3/92	X	X	X	X		X	X		
4/92-5/92	X			X		X	X		
6/92-5/93	X	X	X	X	X	X	X		
6/93-4/94	X	X	X	X		X	X		
5/94	X	X	X	X					
6/94	X			X					
7/94-8/94	X	X	X	X					
42T03 (WAAP)							X		
11/94-1/94	X	X							
10D/VEEP									
1/95	X	X	X	X		X	X		
2/95-9/96	X	X	X	X	X	X	X		
10/96-12/96	X	X	X			X	X		
42004									
12D/MVXII									
27.5° N./85.5° W.									
12/78-1/79	X	X					X	X	
2/79		X							
42005									
12D/MVXII									
30.0° N./85.9° W.									
12/78-5/80	X	X					X	X	
42006									
6N/MVXII									
26.5° N./96.0° W.									
8/79-3/80	X	X		X		X	X		
42007									
12D/MVXII (MOD)									
30.1° N./88.9° W.									
1/81-10/81	X	X		X		X	X		
10/81-12/81	X	X				X	X		
12D/GSBP									
2/82-10/82	X	X					X	X	
11/82-1/83	X	X					X		
1/83-2/83	X	X		X		X			
3/83-1/84	X	X		X		X			
1/84-2/84	X			X		X			
2/84-1/86	X	X		X		X			
2/86-12/86	X	X		X		X			
6/87-12/87	X	X		X		X			
1/88	X			X		X			

NDBC DATA AVAILABILITY SUMMARY

2/28/97

GULF OF MEXICO (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>										
LAT/LON OPER. PERIOD										
42007 Cont. 30.1° N./88.8° W. 12D/DACT										
2/88	X	X			X		X		X	
3/88	X	X			X		X		X	
4/88	X	X					X		X	
5/88	X	X			X		X		X	
6/88	X	X					X			
7/88-8/88	X	X			X		X		X	
9/88-4/89	X	X			X	X	X		X	
12D/VEEP										
5/89	X	X			X		X		X	
6/89-8/90	X	X	X		X		X		X	
9/90-12/90	X	X	X				X		X	
1/91	X	X	X						X	
2/91	X	X	X		X				X	
3/91-9/91	X	X	X				X		X	
10/91-3/92		X	X				X		X	
6/92-9/96	X	X	X				X		X	
10D/VEEP										
10/96	X	X	X		X	X	X		X	
11/96-12/96	X	X			X		X		X	
42008 PLATFORM BTA 28.7° N./95.3° W. 10/80-7/84		X	X				X		X	
42009 5D/GSBP 29.3° N./87.5° W. 10/80-5/81	X	X			X				X	
1/83-8/83	X	X			X		X		X	
3/84-4/84	X	X					X		X	
4/84-10/84	X	X					X		X	2
10D/GSBP 4/86-11/86	X	X			X		X		X	
12/86-1/87	X	X					X		X	
(42014) 3D/DACT 29.3° N./87.4° W. 2/87-4/87	X	X					X		X	
42010 PLATFORM BTA 29.7° N./93.4° W. 4/81-3/82	X	X					X			
42011 PLATFORM BTA 29.6° N./93.5° W. 9/81-7/82	X	X					X			
12/82-1/83	X	X					X			
1/83-3/83	X	X					X			
3/83-6/83	X	X								
6/83-10/83	X	X					X			

NDBC DATA AVAILABILITY SUMMARY

2/28/97

GULF OF MEXICO (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
42011 Cont.										
10/83-11/83		X	X				X	X		
11/83-8/84		X	X				X			
42012										
10D/GSBP										
29.9° N./87.1° W.										
8/83-11/83		X	X				X	X		
11/83-1/84		X	X		X		X	X		
42015										
3D/DACT										
30.1° N./88.2° W.										
4/87-8/87		X	X				X	X		
9/87-10/87		X	X				X	X		
11/87			X				X			
12/87-12/88		X	X		X	X	X	X		
30.2° N./88.2° W.										
12/88-9/90		X	X		X	X	X	X		
42016										
3D/DACT										
30.2° N./88.1° W.										
4/88-9/88		X	X		X	X	X	X		
9/88-12/88			X		X	X	X	X		
4/89-11/89		X	X		X	X	X	X		
2/90-5/90		X	X		X	X	X	X		
7/90		X	X		X		X	X		
8/90-9/90		X	X		X	X	X	X		
3D/VEEP										
29.9° N./88.0° W.										
12/93-1/94		X	X				X	X		
2/94-3/95		X	X	X			X	X		
30.2° N./88.2° W.										
5/95		X	X	X			X	X		
6/95		X	X				X	X		
42017										
3D/DACT										
27.9° N./90.9° W.										
4/89-6/89		X	X				X	X		
7/89-9/89		X	X		X	X	X	X		
42018										
3D/DACT										
30.0° N./88.2° W.										
2/90-3/90		X	X				X	X		
42019										
3D/DACT										
27.9° N./95.0° W.										
5/90-6/91		X	X		X		X	X		
8/91-4/92		X	X		X		X	X		
5/92		X			X		X	X		
6/92-4/93		X	X		X		X	X		
6N/DACT										
5/93-11/93		X	X		X		X	X		
12/93		X	X				X	X	X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

GULF OF MEXICO (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
LAT/LON OPER. PERIOD										
42019 Cont.										
1/94		X	X		X		X	X	X	
2/94-6/94		X	X		X		X	X	X	
7/94-8/94		X	X		X		X	X	X	
9/94-12/94		X	X				X	X	X	
3D/DACT										
7/95-9/95		X	X		X		X	X	X	
10/95			X		X		X			
11/95-5/96		X	X		X		X		X	
6/96-12/96		X	X		X		X			
42020										
3D/DACT										
27.0° N./96.5° W.										
5/90-7/91		X	X		X		X	X	X	
3D/VEEP										
8/91-10/91		X	X		X		X	X	X	
12/91-10/94		X	X		X		X		X	
11/94-12/96		X	X		X		X			
42025										
1.8D/VEEP										
24.9° N./80.4° W.										
9/91-3/92					X		X	X	X	
4/92-3/93					X			X	X	
7/93-5/94					X		X		X	
24.9° N./80.5° W.										
1/95-5/95					X		X	X	X	
6/95					X			X	X	
42035										
3D/VEEP										
29.2° N./94.4° W.										
5/93-10/96		X	X		X		X	X	X	
11/96-12/96		X	X		X		X	X	X	
42036										
3D/DACT										
28.5° N./84.5° W.										
5/94-3/96		X	X		X	X	X	X	X	
6/96-12/96		X	X		X	X	X	X	X	
42037										
2.4D02/DACT										
24.5° N./81.4° W.										
3/94		X	X		X	X	X	X	X	
4/94			X		X	X	X	X	X	
5/94-11/95		X	X		X	X	X	X	X	
12/95		X	X		X	X	X	X	X	
42039										
3D/DACT										
28.8°N./86.0°W.										
12/95		X	X		X		X	X	X	
1/96-5/96		X	X	X	X		X	X	X	
6/96-9/96		X	X	X	X			X	X	
10/96-12/96		X	X	X	X		X		X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

GULF OF MEXICO (CONTINUED)

BUOY ID — PRIMARY

(EARLIER ID)

PLATFORM CLASS

LAT/LON
OPER. PERIODBARO.
PRESS.WINDS
SPD/DIR

CONT

WAVE
NONDIR

DIR

TEMPERATURE
AIR SEA DPT

OTHER

42040
3D/DACT
29.2°N./88.3°W.12/95
1/96-12/96

X X X

X X X

X X X

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	SEA	DPT	OTHER
EB33 6N/MVXI 58.5° N./141.0° W. 10/74-4/75 7/75-4/76	X X	X X				X X	X X		
EB35 6N/MVXI 55.3° N./157.0° W. 8/76-11/76 11/76-3/77	X X	X X		X		X X	X X		
EB43 6N/MVXI 59.8° N./142.0° W. 8/76-9/76 2/77-9/77	X X	X X		X		X X	X X		
EB70 12D/MVXII 59.5° N./142.3° W. 8/76-10/76 10/76-5/77	X X	X X		X		X X	X X		
EB90 (EB02) 47.0° N./130.9° W. 6/74-9/74	X	X				X	X		
46001 (EB03) 12D/VEEP 56.0° N./148.0° W. 10/72-5/73 9/73-6/74 12/74-5/75 6/75-4/76	X X X X	X X X X				X X X X	X X X X	X X X X	3,4 3,4 3 3
10D/PEB 7/76-12/77 1/78-8/78 8/78-10/78 2/79-10/79	X X X X	X X X X		X X X X		X X X X	X X X X		1 1
10D/UDACS (A) 10/79-7/80	X	X		X		X	X		
10D/GSBP 7/80-5/81 5/81-6/81 7/81-12/81 1/82-6/82	X X X X	X X X X		X X X X		X X X X	X X X X		
6N/GSBP 56.3° N./148.3° W. 6/82-3/84 3/84-8/84 8/84-9/86 10/86-11/86 12/86-2/90 3/90	X X X X X X	X X X X X X		X X X X X X		X X X X X X	X X X X X X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>										
46001 Cont.										
6N/DACT										
7/90	X	X			X		X	X		
8/90-8/92	X	X	X		X		X	X		
56.3° N./148.2° W.										
9/92-12/93	X	X	X		X		X	X		
5/94-8/94	X	X	X		X		X	X		
9/94-3/95	X	X	X		X			X		
4/95-7/95	X				X			X		
8/95-12/96	X	X	X		X		X	X		
46002										
(EB16)										
10D/PEB										
42.5° N./130.0° W.										
7/75-11/75	X	X			X		X	X		1
11/75-5/76	X	X			X		X	X		1
5/76-8/76	X	X						X		1
8/76-3/77	X	X			X		X	X		1
3/77-6/77	X	X			X					
8/77-12/77	X	X			X		X			
1/78-5/78	X	X			X		X	X		
6/78-8/78	X	X					X	X		
8/78-5/79	X	X			X		X	X		
10D/UDACS (A)										
42.5° N./130.3° W.										
5/79-9/80	X	X			X		X	X		
10D/GSBP										
9/80-9/82	X	X			X		X	X		
6N/GSBP										
9/82-4/84	X	X					X	X		
4/84-12/84	X	X					X	X		
1/85-11/86	X	X			X		X	X		
4/87-1/88	X	X			X		X	X		
2/88-7/88	X	X			X		X	X		
10/88-2/90	X	X			X		X	X		
6N/DACT										
42.5° N./130.4° W.										
6/90-9/90	X	X	X		X		X	X		
10/90-11/90	X				X		X	X		
12/90-4/91	X	X	X		X		X	X		
5/91	X	X			X		X	X		
6/91-11/91	X	X	X		X		X	X		
42.5° N./130.3° W.										
1/92	X				X		X	X		
2/92-12/96	X	X	X		X		X	X		
46003										
(EB17)										
10D/PEB										
52.0° N./156.0° W.										
7/76-2/77	X	X			X		X	X		1
3/77-7/78	X	X			X		X	X		1

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE		
LAT/LON OPER. PERIOD	AIR	SEA	DPT	OTHER					
46003 Cont.									
10D/GSBP									
7/78-8/78	X	X					X	X	1
8/78-9/78	X						X	X	1
11/78-11/79	X	X					X	X	1
11/79-12/79	X	X			X		X	X	
12/79-1/80	X				X		X	X	
12D/UDACS (A)									
7/80-11/80	X	X					X	X	
12/80-2/81	X	X			X		X	X	
51.9° N./155.8° W. 2/81-5/81									
		X			X				
51.9° N./155.7° W.									
8/81-10/81	X	X			X		X	X	
10/81-3/82	X	X					X	X	
3/82-4/83	X	X			X		X	X	
4/83-7/83	X	X			X			X	
7/83-8/83	X	X			X		X	X	
6N/GSBP									
8/83-8/84	X	X			X		X	X	
8/84-11/84	X	X					X	X	
51.9° N./155.9° W. 12/84-6/87									
7/87-1/89	X	X			X		X	X	
6N/DACT									
7/89-12/89	X	X			X		X	X	
1/90	X	X	X		X		X	X	
2/90-3/90	X				X		X	X	
4/90-7/90	X	X			X		X	X	
8/90-12/91	X	X	X		X		X	X	
1/92-2/92	X				X		X	X	
3/92-2/93	X	X	X		X		X	X	
8/93-2/94	X	X	X		X		X	X	
3/94-4/94	X				X		X	X	
5/94-1/95	X	X	X		X		X	X	
2/95	X								
3/95-5/95	X				X				
6/95-12/96	X	X	X	X	X		X	X	
46004 (EB19) 10D/PEB									
51.0° N./136.0° W.									
8/76-10/76	X	X			X		X	X	1
10/76-12/76	X	X			X		X	X	1
12/76-5/77	X	X			X				
5/77-7/77	X	X			X		X	X	1
7/77-10/77	X	X					X	X	
12D/PEB UDACS									
9/78-5/80	X	X			X		X	X	1
5/80-2/81	X	X					X	X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	WAVE NONDIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
LAT/LON OPER. PERIOD			CONT	DIR				
46004 Cont.								
12D/UDACS(A)								
51.0° N./135.9° W.								
2/81-1/82	X	X		X	X	X		
50.9° N./135.9° W.								
3/82-6/83	X	X		X	X	X		
6N/GSBP								
6/83-1/84	X	X		X	X	X		
1/84-3/84	X			X	X	X		
3/84-11/84	X	X		X	X	X		
11/84-12/84	X	X			X	X		
2/85-7/85	X	X		X	X	X		
8/85-1/86	X	X		X	X			
2/86				X				
3/86	X			X		X		
4/86				X				
5/86-6/88	X	X		X	X	X		
46005								
(EB21)								
10D/PEB								
46.0° N./131.0° W.								
9/76-1/77	X	X		X	X	X		1
10/77-8/78	X	X		X	X	X		1
12D/PEB								
8/78-6/80	X	X		X	X	X		
6N/MVXII (MOD)								
6/80-12/80	X	X		X	X	X		
12/80-4/81	X			X	X	X		
4/81-11/81	X	X		X	X	X		
12D/UDACS(A)								
46.1° N./131.0° W.								
11/81-12/83	X	X		X	X	X		
12/83-5/84	X			X	X	X		
5/84-7/84	X			X		X		
7/84-2/85	X	X		X	X	X		
2/85-4/85	X	X			X	X		
5/85-10/85	X	X		X	X	X		
6N/GSBP								
2/86-3/86	X	X		X	X	X		
5/86-9/86	X	X		X	X	X		
10/86-11/86	X	X			X	X		
12/86-5/87	X	X		X	X	X		
7/87-1/88	X	X		X	X	X		
2/88	X			X	X	X		
3/88-8/90	X	X		X	X	X		
6N/DACT								
1/91	X	X		X	X	X		
2/91-3/93	X	X	X	X	X	X		
7/93-11/96	X	X	X	X	X	X		
12/96	X	X	X		X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
LAT/LON OPER. PERIOD										
46006 (EB20) 10D/PEB 41.0° N./138.0° W.		X	X		X		X			1
4/77-12/77 1/78-6/78 6/78-11/78 11/78-1/79 1/79-8/79		X	X		X		X			1
12D/UDACS (A) 40.7° N./137.7° W.		X	X		X		X	X		1
8/79-12/79 3/80-4/80 4/80-5/80 5/81-3/82 4/82-10/82 10/82-4/85 5/85-6/85 7/85		X	X		X		X	X		
6N/GSBP 40.8° N./137.6° W.		X	X		X		X	X		
8/85-5/86										
12D/GSBP 40.8° N./137.7° W.		X	X		X		X	X		
6/86-5/87 6/87 7/87-1/88 2/88 3/88		X	X		X		X	X		
12D/DACT										
8/88-9/88 10/88-1/89 2/89-5/89 6/89-8/89 9/89-1/91		X	X	X	X		X	X		
6N/DACT 40.9° N./137.5° W.		X	X	X	X		X	X		
6/92-1/94 2/94-3/94 4/94 5/94-12/94 1/95-4/95 5/95 6/95-8/96 9/96-12/96		X	X	X	X		X	X		
46007 (EB39) 6N/MVXI 59.2° N./152.7° W.		X	X		X		X	X		1
6/77-9/77 3/78-6/78 8/78-6/79		X	X		X		X	X		1

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	WAVE NONDIR CONT	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
46008 (EB72) 12D/MVXII 57.1° N./151.7° W.	7/77-12/77 1/78-5/78	X X	X X	X X	X X	X X		1 1
6N/MVXII 5/78-7/78 7/78-10/78 10/78-1/79		X X X	X X X	X X X	X X X	X X X		1 1 1
46009 (EB45) 6N/MVXI 60.2° N./146.8° W.	9/77-9/78	X	X			X X	X	1
6N/GSBP 10/78-10/79		X	X			X X	X	1
46010 LNB/GSBP 46.2° N./124.2° W.	11/79-6/80 6/80-7/80 7/80-8/80 8/80-9/80 10/80-12/80 12/80-4/81 4/81-5/81 7/81-3/82 9/82-5/83 6/83-3/84 9/84-10/85 12/85-1/86	X X X X X X X X X X X X	X X X X X X X X X X X X	X X X X X X X X X X X X	X X X X X X X X X X X X	X X X X X X X X X X X X	X X X X X X X X X X X X	
LNB/DACT	4/86-11/86 1/87-4/87 5/87-6/87 7/87-8/87 9/87 10/87-1/88 3/88-5/88 9/88-10/90 11/90 12/90-4/91	X X X X X X X X X X X	X X X X X X X X X X X	X X X X X X X X X X X	X X X X X X X X X X X	X X X X X X X X X X X	X X X X X X X X X X X	
46011 10D/GSBP 34.9° N./120.9° W.	10/80-11/80 11/80-11/81 3/82-1/83 1/83-4/83 4/83-11/83 2/84-7/84 7/84-9/84	X X X X X X X	X X X X X X X	X X X X X X X	X X X X X X X	X X X X X X X	X X X X X X X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE		
LAT/LON OPER. PERIOD	AIR	SEA	DPT	OTHER					
46011 Cont. 6N/GSBP 9/84-10/86	X	X			X		X	X	
10D/GSBP 4/87-1/89 2/89-3/89 4/89	X	X			X		X	X	X
X	X				X		X	X	
X	X				X		X	X	X
6N/GSBP 2/90-6/90 7/90 8/90-10/91	X	X			X		X	X	X
X	X				X		X	X	X
3D/VEEP 3/92-9/92 10/92	X	X			X		X	X	
X	X				X		X	X	
3D/DACT 8/94-11/95 5/96-12/96	X	X			X		X	X	
X	X				X		X	X	
46012 6N/GSBP 37.4° N./122.7° W.									
11/80-1/81 1/81-2/81 2/81-1/82 4/82-3/84	X	X			X		X	X	
X	X				X		X	X	
X	X				X		X	X	
X	X				X		X	X	
10D/UDACS (A) 3/84-5/86 6/86	X	X			X		X	X	
X	X				X		X	X	
3D/DACT 7/86-1/87 6/87-5/88 6/88 7/88-9/88	X	X			X		X	X	
X	X				X		X	X	
X	X				X		X	X	
X	X				X		X	X	
10D/GSBP 10/88-3/90 6/90-4/91	X	X			X		X	X	
X	X				X		X	X	
3D/VEEP 7/91-2/93	X	X			X		X	X	
X	X				X		X	X	
3D/DACT 12/93-3/94 4/94-7/94 8/94-9/94 10/94-12/94 7/95-10/96 11/96-12/96	X	X			X		X	X	
X	X				X		X	X	
X	X				X		X	X	
X	X				X		X	X	
46013 10D/GSBP 38.2° N./123.3° W.									
4/81-8/81 8/81-9/81 9/81-2/83	X	X			X		X	X	
X	X				X		X	X	
X	X				X		X	X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	AIR	TEMPERATURE SEA	DPT	OTHER
LAT/LON OPER. PERIOD										
46013 Cont. 6N/GSBP 4/83-1/86		X	X		X		X	X		
10D/GSBP 9/86-6/87 7/87-8/87 8/87-11/87 3/88-2/89 3/89-3/91 4/91-5/91 6/91-7/91 8/91-3/92		X	X		X		X	X		
3D/VEEP 6/92-12/96		X	X		X		X	X		
46014 10D/GSBP 39.2° N./124.0° W. 4/81-2/83 3/83-5/83 5/83-5/84 5/84-7/84 7/84-4/86 5/86 6/86-3/88 4/88 5/88-9/88 1/89 2/89-3/89 4/89-5/89		X	X		X		X	X		
6N/GSBP 6/89-11/89 12/89-1/90 2/90-7/90 8/90		X	X		X		X	X		
10D/GSBP 9/90 10/90-1/91 2/91 3/91-4/91 5/91 6/91-8/91 9/91-10/91 12/91		X	X		X		X	X		
3D/VEEP 6/92-2/93		X	X		X	X	X	X		
3D/DACT 5/93-5/95 6/95 7/95 8/95-12/96		X	X		X		X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
46016									
PLATFORM/EXXON									
63.3° N./170.3° W.									
11/81-2/82	X	X				X			
9/82-1/83	X	X				X			
2/83-3/83	X					X			
3/83-8/84	X	X				X			
9/84-1/86	X	X				X			
2/86-11/87	X					X			
4/88-6/88	X					X			
46017									
PLATFORM/EXXON									
60.3° N./172.3° W.									
11/81-5/82	X	X				X			
7/82-1/83									
3/83-12/85									
1/86-12/88	X	X							
46018									
MAREX									
60.3° N./177.0° W.									
11/81-1/83	X	X				X			
9/84-12/84	X	X				X			
12/84-1/85	X	X				X	X		
1/85		X				X			
2/85		X				X	X		
3/85		X				X			
46019									
PLATFORM									
57.2° N./170.3° W.									
11/81-7/83	X	X				X			
46020									
MAREX									
55.9° N./168.0° W.									
11/82-8/82	X	X				X	X		
9/82-6/83	X	X				X	X		
46021									
MAREX									
57.7° N./160.0° W.									
11/81-10/82	X	X				X	X		
10/82-11/82	X	X				X			
46022									
6N/GSBP									
40.8° N./124.5° W.									
1/82-2/83	X	X		X		X	X		
10D/GSBP									
2/83-12/83	X	X		X		X	X		
12/83-1/84	X			X		X	X		
2/84-9/84	X	X		X		X	X		
9/84-1/85	X	X				X	X		
6N/GSBP									
1/85-11/86	X	X		X		X	X		
3/87-9/88	X	X		X		X	X		
10/88-11/88	X	X				X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	WAVE NONDIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
LAT/LON OPER. PERIOD			CONT	DIR				
46022 Cont.								
12/88-1/89	X	X		X	X	X		
2/89-5/89	X	X		X	X	X	X	
6/89-5/90	X	X		X	X	X		X
6/90-7/90	X	X		X	X	X		
9/90-11/90	X	X		X	X	X		X
12/90	X	X		X	X	X		
3D/DACT 40.8°/124.6° W.								
2/91-9/92	X	X		X	X	X	X	
10/92-11/92	X	X		X	X	X		
12/92-3/93	X	X		X	X	X		X
3D/VEEP 40.8° N./124.5° W.								
5/93-12/93	X	X		X	X	X		
1/94-2/94								
3/94-5/96	X	X		X	X	X		
46023 6N/GSBP 34.3° N./120.7° W.								
4/82-5/82	X	X		X	X	X		
5/82-6/82	X			X	X	X		
6/82-4/83	X	X		X	X	X		
10D/GSBP								
4/83-11/83	X	X		X	X	X		
11/83-12/83	X	X			X	X		
2/84-10/85	X	X		X	X	X		
11/85	X	X			X	X		
12/85-10/87	X	X		X	X	X		
3D/DACT 1/88-5/88								
	X	X		X	X	X		
10D/GSBP								
5/88-1/89	X	X		X	X	X		
2/89-4/89	X	X		X	X	X	X	
5/89-7/89	X	X		X	X	X		
8/89-2/90	X	X		X	X	X		
5/90-6/90	X	X		X	X	X		X
7/90	X	X		X	X	X		
8/90-8/91	X	X		X	X	X		X
3D/DACT								
9/91-2/92	X	X		X	X	X		
3/92-7/92	X	X		X	X	X	X	
8/92	X	X		X	X	X		
9/92-6/93	X	X		X	X	X		X
7/93	X	X		X	X	X		
8/93-11/93	X			X	X	X		
6N/GSBP								
6/94-10/94	X	X		X	X	X		
11/94								
10D/DACT								
12/94	X			X	X	X		
1/95	X			X	X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>									
LAT/LON OPER. PERIOD									
46023 Cont. 2/95-3/95	X	X	X	X		X	X	X	
4/95-6/95	X	X	X	X		X	X		
7/95-9/95	X	X	X	X		X	X		10
10/95-4/96	X	X	X	X		X	X	X	10
7/96	X	X	X	X		X	X		10
8/96-10/96									10
46024 10D/GSBP 33.0° N./119.2° W. 4/82-2/83	X	X		X		X	X		
32.8° N./119.2° W. 3/83-10/83	X	X					X		
32.8° N./119.5° W. 4/84-10/85	X	X		X		X	X		
46025 6N/GSBP 33.6° N./119.0° W. 4/82-6/82	X	X		X		X	X		
6/82-8/82	X	X				X	X		
8/82-2/84	X	X		X		X	X		
2/84-3/84				X		X	X		
3/84-4/84	X	X		X		X			
4/84-12/85	X	X		X		X	X		
10D/GSBP 33.7° N./119.1° W. 1/86-8/87	X	X		X		X	X		
3D/DACT 10/87-11/87	X	X		X		X	X		
10D/GSBP 1/88-5/89	X	X		X		X	X		
6D/GSBP 10/89-1/91	X	X		X		X	X		
3D/DACT 2/91-10/93	X	X		X	X	X	X		
11/93-1/94	X	X				X	X		
33.8° N./119.1° W. 2/94-12/96	X	X		X	X	X	X		
46026 LNB/GSBP 37.8° N./122.7° W. 7/82-12/83	X	X		X		X	X		
1/83-11/84	X	X		X		X	X		
12/84-7/87	X	X		X		X	X		
LNB/DACT 1/88-7/90	X	X		X		X	X		
9/90-4/91	X	X		X		X	X		
5/91	X			X		X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE		
LAT/LON OPER. PERIOD	AIR	SEA	DPT	OTHER					
46026 Cont.									
6/91-7/92	X	X			X		X	X	
10/92-6/94	X	X			X		X	X	
3D/DACT									
37.8° N./122.8° W.									
4/94-6/94	X	X			X		X	X	
7/94-10/94	X	X			X			X	
11/94	X				X			X	
12/94-5/95	X	X			X		X	X	
6/95-12/95	X	X			X		X		
3/96-12/96	X	X	X		X		X	X	
46027									
LNB/DACT									
41.8° N./124.4° W.									
9/83-4/84	X	X					X	X	
6/84-11/84	X	X					X	X	
4/85-8/85	X	X			X		X	X	
10/85-8/86	X	X			X		X	X	
11/86-12/86	X	X			X		X	X	
1/87-9/88	X	X			X		X	X	
ELB/DACT									
10/88	X	X					X	X	
11/88-12/88		X					X	X	
3/89-8/89	X	X			X		X	X	
9/89-11/89		X			X		X	X	
12/89-6/90	X	X			X		X		
7/90-8/90	X				X		X	X	
9/90-10/91	X	X			X		X	X	
12/91-3/92	X	X			X		X	X	
4/92-5/93	X				X		X	X	
3D/DACT									
41.9° N./124.4° W.									
9/93-6/95	X	X			X		X	X	
3D/VEEP									
9//95-12/96	X	X			X		X	X	
46028									
6N/GSBP									
35.8° N./121.7° W.									
12/83-5/84	X	X			X		X	X	
5/84-6/84	X	X					X	X	
6/84-11/84	X	X			X		X	X	
11/84-12/84	X	X			X		X	X	
12/84-1/85	X	X			X		X	X	
35.8° N./121.9° W.									
5/85-11/85	X	X			X		X	X	
12/85	X	X					X	X	
1/86-3/86	X	X			X		X	X	
5/86-10/88	X	X			X		X	X	
11/88	X	X					X	X	
12/88-1/89	X	X			X		X	X	
2/89-8/89	X	X			X		X	X	X
9/89	X	X			X		X	X	
10/89-11/89	X	X			X		X	X	
12/89-1/90	X	X			X		X	X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE		
LAT/LON OPER. PERIOD	AIR						SEA	DPT	OTHER
46028 Cont.									
2/90-3/90	X	X			X		X	X	X
4/90-6/90	X	X			X		X		
7/90	X	X			X		X	X	X
8/90	X	X			X		X	X	
9/90-10/90	X	X			X		X	X	X
11/90-2/91	X	X			X		X		
3/91-7/91	X	X			X		X	X	X
8/91-11/91	X	X			X		X	X	
3D/VEEP									
6/92	X	X			X		X		
7/92-1/93	X	X			X		X		
2/93-5/93	X	X					X		
6/93-9/93	X	X			X		X		X
10/93-12/93	X	X			X		X		
1/94-3/94									
4/94-7/94	X	X			X		X		X
8/94-1/95	X	X			X		X		
3D/DACT									
35.7° N. 121.9° W.									
2/95-12/96	X	X			X		X	X	
46029									
3D/GSBP									
46.2° N./124.2° W.									
3/84-4/85	X	X			X		X	X	
1/86	X	X			X		X	X	
2/86-3/86	X	X			X		X	X	
ELB/DACT									
7/86-10/86	X	X					X		
11/86	X						X		
12/86	X				X		X		
1/87	X	X			X		X		
6N/GSBP									
10/91-3/93	X	X			X		X		
6/93-4/94	X	X			X		X		X
6N/DACT									
4/94-11/94	X	X			X		X	X	
12/94	X				X		X	X	
4/95-8/95	X	X			X		X	X	
9/95-1/96	X	X			X	X	X	X	
46.3° N./124.3° W.									
5/96-9/96	X	X			X	X	X	X	
46030									
ELB/DACT									
40.4° N./124.5° W.									
10/84-2/85	X	X					X	X	
2/85-3/85	X	X					X		
3/85-3/86	X	X					X		X
4/86-5/86	X						X		X
8/86-11/86	X	X					X		X
3/88-2/90	X	X			X		X		X
3/90	X				X		X		X
4/90-10/90	X	X			X		X		X

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE		TEMPERATURE			OTHER
LAT/LON OPER. PERIOD					NONDIR	DIR	AIR	SEA	DPT	
46030 Cont.										
11/90-12/90	X		X		X		X			
2/91-10/91	X		X		X		X			
12/91	X		X		X		X		X	
3D/DACT										
10/92-7/93	X		X		X	X	X	X	X	
8/93	X				X		X	X	X	
9/93-2/94	X		X		X	X	X	X	X	
3/94-4/94	X		X		X	X	X	X	X	
5/94-7/94										
8/94-3/95	X		X		X	X	X	X	X	
4/95-5/95	X				X	X	X	X	X	
6/95-12/96	X		X		X	X	X	X	X	
46031										
PLATFORM										
55.5° N./161.7° W.										
9/84-8/85	X		X					X		
46032										
MAREX										
54.2° N./165.8° W.										
9/84-1/85	X		X					X		
1/85-2/85	X		X					X		
2/85-8/85	X		X					X	X	
46033										
MAREX										
55.8.° N./159.8° W.										
9/84-12/84	X		X					X	X	
2/85-4/85	X		X					X	X	
46034										
MAREX										
55.1° N./163.1° W.										
9/84-7/85	X		X					X	X	
46035										
12D/GSBP										
57.0° N./177.7° W.										
9/85	X		X					X	X	
10/85-3/87	X		X		X			X	X	
4/87	X				X			X	X	
5/87-8/87	X		X		X			X	X	
12D/DACT										
10/87-6/89	X		X		X			X	X	
7/89-1/90	X		X	X	X			X	X	
2/90-7/90	X		X		X			X		
8/90	X		X		X			X		
9/90	X		X		X			X	X	
10/90-5/91	X		X	X	X			X	X	
9/91-2/92	X		X	X	X			X	X	
3/92-4/94	X		X	X	X			X	X	
5/94-6/94	X		X	X	X			X	X	
7/94-11/94	X		X	X	X	X		X	X	
12/94-	X		X	X	X	X			X	
1/95-9/95	X		X		X			X	X	
10/95-1/96	X		X	X	X	X		X	X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
LAT/LON OPER. PERIOD									
46035 Cont. 2/96-6/96 7/96-12/96	X	X	X	X		X	X	X	
46036 6N/GSBP 48.3° N./133.9° W. 8/86-11/86 1/87-9/87	X	X	X	X		X	X	X	
46037 3D/DACT 48.3° N./133.8° W. 8/86-11/86 12/86-2/87	X	X				X	X		
46038 ELB/DACT 41.9° N./124.4° W. 9/86-11/86 12/86 1/87-2/87	X	X			X	X	X		
46039 ATON/DACT 48.2° N./123.4° W. 12/86-1/87 2/87 3/87 6/87-2/88 5/88 6/88 7/88-8/88 9/88-10/88	X	X				X	X		
46040 3D/DACT 44.8° N./124.3° W. 5/87-12/87 1/88 2/88 3/88-4/88 5/88-11/88 1/89 2/89-6/89 7/89-9/89 10/89-2/90 3/90-4/90 5/90-7/90 8/90-9/90 10/90-11/90 3/91-11/91 12/91 1/92-2/92 3/92-4/92 5/92-6/92	X	X		X		X	X		
46041 3D/DACT 47.4° N./124.5° W. 6/87-12/88 3/89-5/89 7/89-3/90	X	X		X		X	X	X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
46041 Cont.									
4/90-7/90	X	X		X		X	X		
8/90-12/90	X	X		X		X	X	X	
2/91-3/91	X	X		X		X	X	X	
4/91-5/91	X	X		X		X	X	X	
6/91-7/91	X	X		X		X	X	X	
8/91-7/92	X	X		X		X	X	X	
8/92-9/92	X	X	X	X		X	X	X	
10/92-3/95	X	X		X		X	X	X	
4/95	X			X		X	X	X	
5/95-8/95	X	X		X		X	X	X	
11/95-6/96	X	X		X		X	X	X	
7/96-12/96	X	X		X		X			
46042									
3D/DACT									
36.8° N./122.2° W.									
6/87-8/87	X	X				X	X		
36.8° N./122.4° W.									
12/87-1/89	X	X		X	X	X	X		
3/89-10/91	X	X		X	X	X	X		
11/91-3/94	X	X		X	X	X	X		
4/94-	X	X		X	X	X	X		
5/94-6/94		X		X	X	X	X		
6/94-12/96	X	X		X	X	X	X		
46043									
ELB/DACT									
46.9° N./124.2° W.									
5/87-9/87	X			X		X	X		
10/87-11/87	X					X	X		
46045									
3D/DACT									
33.8° N./118.5° W.									
1/91-3/92	X	X		X	X	X	X		
10/92	X	X				X	X		
11/92-12/94	X	X		X	X	X	X		
1/95	X			X	X	X	X		
2/95	X	X		X	X	X	X		
3/95-4/95	X			X	X	X	X		
5/95-7/95	X	X		X	X	X	X		
8/95-11/96	X	X		X		X	X		
12/96	X			X		X	X		
46047									
10D/VEEP									
32.7° N./119.6° W.									
12/91-2/92	X	X		X		X	X		
3/92	X			X		X	X		
8/92-9/92	X	X		X	X	X	X		X
10/92	X	X		X	X	X	X		
11/92-12/92	X	X		X		X	X		
1/93-8/93	X	X		X	X	X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
LAT/LON OPER. PERIOD										
46048 10D/VEEP 32.9° N./117.9° W.		X	X		X	X	X	X		
12/91-10/92		X	X		X	X	X	X		
11/92-5/93		X	X		X	X	X	X		
6/93-8/93		X	X		X	X	X	X		
46050 3D/DACT 44.6° N./124.5° W.		X	X		X	X	X	X		
11/91-12/93		X	X		X	X	X	X		
1/94-2/94										
3/94-4/94		X	X		X	X	X	X		
5/94-6/94		X	X		X	X	X	X		
7/94-9/94		X	X		X	X	X	X		
12/94-3/95		X			X	X	X	X		
4/95-6/95		X	X		X	X	X	X		
7/95-11/95		X	X		X	X	X	X		
12/95-2/96		X	X		X	X	X	X		
3/96-4/96		X	X		X	X	X	X		
5/96-8/96		X	X		X	X	X	X		
46051 3D/DACT 34.5° N./120.7° W.		X	X		X	X	X	X		
3/92-7/93										
8/93-9/93										
3D/VEEP 11/93-7/94		X	X	X			X	X		
8/94		X	X	X			X	X		
3D/DACT 10/95-2/96		X	X	X	X	X	X	X		
3/96-10/96		X	X	X	X	X	X	X		
46053 10D/VEEP 34.2° N./119.9° W.		X	X		X	X	X	X		
8/93-3/94		X	X		X	X	X	X		
4/94-2/95		X	X		X	X	X	X		
3/95-7/95		X	X		X	X	X	X	X	10 7,10
10D/DACT 8/95-12/96		X	X	X	X		X	X		10
46054 10D/VEEP 34.3° N./120.5° W.		X	X		X	X	X	X		
8/93-2/94		X	X		X	X	X	X		
3/94		X	X		X	X	X	X		
4/94-2/95		X	X		X	X	X	X		
3/95-6/95		X	X		X	X	X	X	X	10 7,10
7/95-9/95		X	X		X	X	X	X		7,10
10/95-1/96		X	X		X	X	X	X	X	7,10
2/96		X	X		X	X	X	X	X	10
3/96-4/96		X	X		X	X	X	X	X	7,10
10D/DACT 5/96-12/96		X	X	X	X		X	X	X	10
46059 6N/DACT 38.0° N./130.0° W.		X	X		X		X	X		
10/94-4/96										

NDBC DATA AVAILABILITY SUMMARY

2/28/97

NORTH PACIFIC AND GULF OF ALASKA (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	WAVE NONDIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
46059 Cont.				X	X	X	X	
5/96 6/96-12/96	X	X	X	X	X	X	X	
46060 3D/VEEP 60.6° N./146.8° W.				X	X	X	X	
5/95 6/95-12/96	X	X	X	X	X	X	X	
46061 6N/VEEP 60.2° N./146.8° W.				X	X	X	X	
5/95-9/95 12/95-7/96 8/96-12/96	X	X	X	X	X	X	X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

HAWAIIAN ISLANDS

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	SEA	DPT	OTHER
<hr/>									
51001 6N/GSBP 23.4° N./162.3° W.									
2/81-7/81	X	x		X		X	X		
7/81-8/81	X	X				X	X		
8/81-9/82	X	X		X		X	X		
6/83-7/83	X	X		X		X	X		
12/83-10/84	X	X		X		X	X		
10/84-11/84	X	X				X	X		
11/84-3/86	X	X		X		X			
6/86-11/87	X	X		X		X		X	
3/88-3/89	X	X		X		X	X		
5/89-12/89	X	X		X		X	X		
1/90	X			X		X	X		
2/90-10/91	X	X		X		X	X		
12/91-3/94	X	X		X		X	X		
4/94-5/94									
6/94-7/94	X	X		X		X	X		
8/94-11/94	X	X				X	X		
12/94-3/96	X	X		X		X	X		
6/96-12/96	X	X		X		X	X		
51002 6N/GSBP 17.2° N./157.8° W.									
9/84-3/85	X	X		X		X	X		
4/85-7/85	X			X			X		
8/85-6/86	X	X		X		X	X		
9/86-1/88	X	X		X		X	X		
9/88-4/90	X	X		X		X	X		
6/90	X	x		X		X	X		
10/90-12/90	X	X		X		X	X		
1/91-7/92	X	X		X		X	X		
8/92-1/93	X	X		X		X	X		
6/93-3/95	X	X		X		X	X		
4/95-5/95	X	X				X	X		
6/95-12/96	X	X		X		X	X		
51003 6N/GSBP 19.2° N./160.8° W.									
11/84-1/85	X	X		X		X	X		
1/85-2/85	X	X		X		X	X		
2/85-12/85	X	X		X		X	X		
1/86	X			X		X	X		
2/86-10/86	X	X		X		X	X		
11/86	X			X		X	X		
12/86-10/87	X	X		X		X	X		
7/88-7/89	X	X		X		X	X		
9/89-6/93	X	X		X		X	X		
19.1° N./160.8° W.									
6/93-9/94	X	X		X		X	X		
10/94-12/94	X	X		X		X	X		
1/95-12/96	X	X		X		X	X		
51004 6N/GSBP 17.5° N./152.6° W.									
11/84-12/84	X	X		X		X	X		
1/84-2/85	X	X				X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

HAWAIIAN ISLANDS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>										
51004 Cont.										
2/85-10/86	X	X			X		X	X		
4/87-8/87	X	X			X		X	X		
9/87-10/87	X	X					X	X		
11/87-1/88	X	X			X		X	X		
2/88-6/88	X	X					X	X		
2/91-5/91	X	X			X		X	X		
<hr/>										
17.4° N./152.5° W.										
7/91-10/93	X	X			X		X	X		
10/93-9/94	X	X			X		X	X		
10/94-1/95	X	X			X			X		
2/95-4/96	X	X			X		X	X		
5/96-12/96	X	X			X		X	X		
<hr/>										
51005										
3D/DACT										
20.4° N./156.1° W.										
12/85-11/86	X	X			X		X	X		
12/86		X			X		X	X		
1/87-7/88	X	X			X		X	X		
<hr/>										
51026										
3D/DACT										
21.4° N./157.0° W.										
1/93-4/93	X	X			X	X	X	X		
6/93-5/94	X	X			X	X	X	X		
6/94-8/94	X	X					X	X		
9/94-12/95	X	X			X	X	X	X		
1/96-11/96	X				X	X	X	X		
<hr/>										
51027										
3D/DACT										
20.4° N./157.1° W.										
12/94-11/95	X	X			X	X	X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

WESTERN PACIFIC

BUOY ID — PRIMARY

(EARLIER ID)

PLATFORM CLASS

LAT/LON

OPER. PERIOD

BARO.
PRESS.WINDS
SPD/DIR

CONT

WAVE
NONDIR

DIR

TEMPERATURE

AIR

SEA

DPT

OTHER

52009

3D/DACT

13.2° N./144.5° W.

9/90

X

X

X

X

X

10/90

X

X

X

X

11/90-12/90

X

X

X

X

x

X

13.7° N./144.7° W.

12/91-6/92

X

X

X

X

X

X

9/92

X

X

X

X

X

X

10/92-11/92

X

X

X

X

X

X

12/92-12/93

X

X

X

X

X

X

SOUTH PACIFIC

BUOY ID — PRIMARY

(EARLIER ID)

PLATFORM CLASS

LAT/LON

OPER. PERIOD

BARO.

PRESS.

WINDS

SPD/DIR CONT

WAVE

NONDIR

DIR

TEMPERATURE

AIR

SEA

DPT

OTHER

32301

3D/DACT

9.9° S./105.2° W.

12/84

X

X

X

X

1/85

X

X

X

X

X

2/86-6/86

X

X

X

X

X

7/86

X

X

X

X

32302

3D/DACT

18.0° S./85.1° W.

2/86-4/87

X

X

X

X

X

5/87-1/88

X

X

X

X

X

2/88-5/90

X

X

X

X

X

3/91-1/93

X

X

X

X

X

2/93-3/93

X

X

X

X

X

4/93-3/95

X

X

X

X

X

NDBC DATA AVAILABILITY SUMMARY

COASTAL-MARINE AUTOMATED NETWORK

(C-MAN)

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	WAVE NONDIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>							
ABAN6							
ALEXANDRIA BAY, NY							
VEEP							
44.3° N./75.9° W.							
7/92-10/92	X	X		X	X	X	
11/92-12/92	X	X			X	X	
1/93-7/93	X	X			X	X	
8/93-1/94	X	X			X	X	
2/94	X	X			X	X	
3/94-6/94	X	X			X	X	
7/94-8/94	X	X			X	X	
9/94	X	X			X	X	
10/94-2/95		X			X	X	
3/95-6/95	X	X			X	X	
7/95		X			X	X	
8/95	X	X			X	X	
9/95		X			X	X	
10/95-12/96	X	X			X	X	
<hr/>							
ALRF1							
ALLIGATOR REEF, FL							
DACT							
24.9° N./80.6° W.							
12/84-5/86	X	X			X	X	
6/86		X			X	X	
7/86-12/87	X	X			X	X	
<hr/>							
ALSN6							
AMBROSE LIGHT, NY							
DACT							
40.5°/73.8° W.							
11/84-2/85	X	X			X	X	
3/85-6/85	X	X			X		
7/85-10/86	X	X			X		
10/86-7/87	X	X			X	X	
8/87		X			X	X	
9/87-11/89	X	X			X	X	
12/89-12/90	X	X		X	X	X	
<hr/>							
VEEP							
1/91-12/92	X	X		X	X	X	
1/93	X	X		X	X	X	
2/93-3/93	X	X		X	X	X	
4/93-8/93	X	X		X	X	X	
9/93-2/95	X	X		X	X	X	
3/95-6/95	X	X			X	X	
7/95	X	X			X		
8/95-7/96	X	X		X	X	X	
8/96-12/96	X	X		X	X	X	
<hr/>							
BLIA2							
BLIGH REEF LIGHT, AK							
VEEP							
60.0° N./146.9° W.							
5/95-3/96	X	X			X		
4/96		X			X	X	
5/96-12/96	X	X			X	X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>									
BURL1 SOUTHWEST PASS, LA DACT 28.9° N./89.4° W.									
2/84-5/84	N	N				N			
5/84-7/84		N				N			
7/84-12/84	N	N				N			
1/85-6/85	X	X				X			
7/85-4/89	X	X				X			
5/89	X					X			
6/89-12/89	X	X	X	X		X			
1/90-2/90	X	X				X			
3/90-11/92	X	X	X	X		X			
12/92-1/93		X	X			X			
2/93-12/96	X	X	X			X			
<hr/>									
BUSL1 BULLWINKLE SYNER, LA INDUSTRY PLATFORM 27.9° N./90.9° W.									
1/91-2/91	X	X				X	X		
3/91	X					X	X		
7/91	X					X	X		
8/91	X					X			
9/91	X								
10/91-11/91	X	X					X		
5/92-7/92	X	X				X	X		
8/92		X				X	X		
9/92	X	X					X		
10/92-11/92	X	X					X		
12/92		X					X		
1/93		X				X	X		
2/93-4/93	X	X				X	X		
5/93-8/93		X					X		
9/93-11/93	X	X					X		
12/93-3/94		X					X		
4/94		X							
5/94-7/94	X	X							
8/95-10/96	X	X				X			
<hr/>									
BUZM3 BUZZARDS BAY, MA DACT 41.4° N./71.0° W.									
7/85-9/90	X	X				X			
10/90-1/91	X	X			X		X		
2/91-12/91	X	X					X		
1/92		X					X		
2/92-2/94	X	X					X		
<hr/>									
CARO3 CAPE ARAGO, OR DACT 43.3° N./124.4° W.									
1/85-7/95	X	X					X		
8/95-12/96	X	X	X	X			X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID)	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	DPT	OTHER
LAT/LON OPER. PERIOD									
CDRF1									
CEDAR KEY,FL									
VEEP									
29.1° N./83.0° W. 3/95-12/96	X	X	X			X			
CHLV2									
CHESAPEAKE LIGHT, VA									
DACT									
36.9° N./75.7° W. 8/84-2/85		X		X		X		X	
2/85-3/85	X	X				X		X	
3/85-11/85	X	X		X		X		X	
12/85-4/87	X	X		X		X		X	
5/87	X	X		X		X		X	
6/87	X	X		X		X		X	
7/87-1/88	X	X				X		X	
2/88	X	X		X		X		X	
3/88-5/88	X	X				X		X	
6/88-5/89	X	X		X		X		X	
6/89	X	X	X	X		X		X	
7/89-8/89	X	X	X			X		X	
9/89-11/91	X	X	X	X		X		X	
12/91-2/92		X	X	X		X		X	
3/92-3/93	X	X	X	X		X		X	
4/93-8/93	X	X	X	X		X		X	
9/93-2/94	X	X	X						
3/94-7/94	X	X	X	X		X		X	
8/94-11/94	X	X	X						
12/94-4/95	X	X	X						
5/95-12/95	X	X	X	X		X		X	
1/96	X	X	X						
2/96-12/96	X	X	X	X		X		X	
CLKN7									
CAPE LOOKOUT, NC									
DACT									
34.6° N./76.5° W. 11/84-12/84	N	N					N		
1/85-10/88	X	X					X		
11/88-1/89	X	X	X				X		
2/89-5/89	X	X					X		
6/89-11/91	X	X	X	X			X		
VEEP									
12/91-12/96	X	X	X				X		
CSBF1									
CAPE SAN BLAS, FL									
DACT									
29.7° N./85.4° W. 3/83-12/84	N	N					N		
1/85-7/88	X	X					X		
VEEP									
7/88-10/88	X	X					X		
11/88-1/89	X	X	X				X		
2/89-5/89	X	X					X		
6/89-10/95	X	X	X	X			X		
7/96-12/96	X	X	X	X			X		X

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>										
DBLN6										
DUNKIRK, NY										
DACT										
42.5° N./79.4° W.										
4/83-12/84	N		N				N			
1/85-10/88	X		X				X			
VEEP										
11/88-5/91	X		X				X			
7/91-12/92	X		X				X			
1/93			X				X			
2/93-7/95	X		X				X			
8/95-12/96	X		X		X		X			
DESW1										
DESTRUCTION ISLAND, WA										
DACT										
47.7° N./124.5° W.										
8/84-12/84	N		N				N			
1/85-12/91	X		X				X			
1/92-3/92	X						X			
4/92-12/96	X		X				X			
DISW3										
DEVILS ISLAND, WI										
DACT										
47.1° N./90.7° W.										
10/83-12/84	N		N				N			
1/85-12/87	X		X				X			
1/87-3/87			X				X			
4/87-1/88	X		X				X			
5/88-5/94	X		X				X			
6/94-11/94	X		X				X		X	
12/94			X				X		X	
1/95	X		X				X			
2/95-4/95	X		X							
5/95-4/96	X		X				X		X	
5/96-12/96	X		X		X		X		X	
DPIA1										
DAUPHIN ISLAND, AL										
VEEP										
30.3° N./88.1° W.										
1/87-12/91	X		X				X		X	
1/92-7/94	X		X		X		X		X	
8/94-3/96	X		X		X		X			
4/96-12/96	X		X		X		X		X	
DRYF1										
DRY TORTUGAS, FL										
VEEP										
24.6° N./82.9° W.										
12/92-9/93	X		X		X		X		X	
10/93-9/94	X		X		X		X			
10/94-3/96	X		X		X		X		X	
4/96-12/96	X		X		X		X			

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
DSLN7									
DIAMOND SHOALS LIGHT, NC									
DACT									
35.2° N./75.3° W.									
11/84-12/84	N	N				N	N		
1/85-2/85	X	X				X	X		
2/85	X	X				X			
3/85-4/85	X	X				X	X		
5/85-7/85	X	X				X			
8/85-11/85	X	X				X	X		
12/85-10/86	X	X				X			
11/86-3/87	X	X				X	X		
4/87						X	X		
5/87-6/87	X	X				X	X		
7/87						X	X		
8/87-5/88	X	X				X	X		
6/88-10/88	X	X				X	X		
11/88-7/89	X	X			X	X	X		X
9/89-12/89	X	X			X	X	X		X
1/90-8/91	X	X	X		X	X	X		X
9/91-2/92	X	X	X		X	X			X
3/92	X	X	X		X	X	X		X
4/92-2/93	X	X	X		X	X	X		X
3/93-8/93	X	X	X			X			
9/93-5/94	X	X	X		X	X	X		X
6/94-8/94	X	X	X			X	X		X
9/94-10/94	X	X	X		X	X	X		X
11/94	X	X	X			X	X		X
12/94-4/95	X	X	X			X			X
5/95-10/95	X	X	X		X	X			X
11/95	X	X				X			X
12/95-12/96	X	X	X		X	X			X
DUCN7									
DUCK PIER, NC									
VEEP									
36.2°N./75.8°W.									
5/96-7/96	X		X				X		
8/96-12/96	X		X		X		X		
FBIS1									
FOLLY ISLAND, SC									
DACT									
32.7° N./79.9° W.									
5/84-12/84	N	N					N		
1/85-7/91	X	X					X		
8/91-12/96	X	X		X			X		
FFIA2									
FIVE FINGER, AK									
DACT									
57.3° N./133.6° W.									
7/84-12/84	N	N					N		
1/85-6/96	X	X					X		
7/96-12/96	X	X		X			X		
FPSN7									
FRYING PAN SHOALS, NC									
DACT									
33.5° N./77.6° W.									
11/84-12/84	N	N					N	N	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
FPSN7 Cont.									
1/85-9/85	X	X				X	X		
10/85-11/85	X	X				X	X		
12/85-8/86	X	X				X	X		
9/86-3/87	X	X				X	X		
4/87	X					X	X		
5/87	X	X				X	X		
6/87-8/87	X	X				X	X		
9/87-5/88	X	X				X			
6/88	X	X					X		
7/88-8/88	X	X				X	X		
9/88	X	X				X	X		
10/88-11/88	X	X				X			
12/88-5/89	X	X				X			
6/89-1/91	X	X	X			X			
2/91-5/92	X	X	X			X	X		
6/92		X	X				X		X
7/92-9/93	X	X				X	X		
10/93-12/93	X	X	X	X		X	X		
1/94-7/94	X	X	X	X		X			
8/94	X					X			
9/94-11/94	X	X	X	X		X			
12/94-1/95	X	X	X	X		X			
2/95-4/95	X	X	X	X		X			
5/95-6/95	X	X	X	X	X	X		X	
7/95	X	X	X	X	X	X		X	
8/95-2/96	X	X	X	X	X	X		X	
3/96-10/96	X	X	X	X	X				
11/96-12/96	X	X	X	X	X	X		X	
FWYF1									
FOWEY ROCKS, FL									
VEEP									
25.6° N./80.1° W.									
6/91	X	X					X		
7/91		X	X						
8/91-8/92	X	X	X				X	X	
9/92-3/93	X						X	X	
4/93-8/96	X	X	X	X			X	X	
9/96-12/96	X	X	X	X			X		
GBCL1									
GARDEN BANKS,									
BLOCK 236A									
VEEP									
27.8° N./93.1° W.									
9/89-12/89	X	X					X	X	
1/90-5/90	X	X					X	X	
6/90-1/91	X	X	X	X			X	X	
2/91	X	X	X	X			X	X	
3/91-12/91	X	X	X	X	X		X	X	
1/92-9/92	X	X					X	X	
GDIL1									
GRAND ISLE, LA									
DACT									
29.3° N./90.0° W.									
12/84-11/85	X	X					X	X	
12/85		X					X	X	
1/86-2/89	X	X					X	X	
3/89-4/89	X	X					X	X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>									
GDL1 Cont.						X	X	X	
5/89	X	X							
6/89-11/89	X	X	X			X	X	X	
12/89-3/90	X	X	X			X	X		
4/90-8/90	X	X	X			X			
VEEP						X		X	
9/90-11/90	X	X	X						
12/90	X	X	X			X		X	
1/91-5/91	X	X	X			X			
6/91-2/92	X	X	X			X	X	X	
3/92-8/92	X	X	X			X	X		
9/92-11/92	X	X	X			X	X	X	
12/92	X	X	X			X	X		
1/93-3/93	X	X	X			X	X	X	
4/93-6/94	X	X	X			X	X		
7/94-12/96	X	X	X			X	X	X	
GLLN6									
GALLOO ISLAND, NY									
DACT									
43.9° N./76.4° W.									
9/83-12/84	N	N				N			
1/85-5/90	X	X				X			
VEEP						X			
6/90-7/95	X	X				X			
8/95-9/95		X				X			
10/95-12/95	X	X				X			
1/96		X							
2/96-4/96	X	X							
5/96-12/96	X	X	X						
IOSN3									
ISLES OF SHOALS, NH									
DACT									
43.0° N./70.6° W.									
9/84-12/84	N	N				N			
1/85-2/94	X	X				X			
3/94-3/94	X	X				X			
4/94-12/96	X	X	X			X			
KTNF1									
KEATON BEACH, FL									
VEEP									
29.8° N./83.6° W.									
5/95-12/96	X	X	X			X			
LKWF1									
LAKE WORTH, FL									
DACT									
26.6° N./80.0° W.									
7/84-8/84	N	N				N	N		
8/84-9/84	N	N				N			
9/84-12/84	N	N				N	N		
1/85-12/89	X	X				X	X		
VEEP									
1/90-11/90	X	X	X			X	X		
12/90	X	X	X			X			
1/91-10/91	X	X	X			X	X		

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
LKWF1 Cont.									
12/93-1/95	X	X	X			X	X		
2/95-12/96	X	X	X			X	X		10
LNEL1									
LENA, LA									
PLATFORM/SYNER									
28.2° N./89.1° W.									
6/91-8/91	X								
9/91-10/91	X						X		
11/91-3/92	X		X				X		
4/92	X		X				X		
5/92			X				X		
6/92	X				X		X		
LONF1									
LONG KEY, FL									
VEEP									
24.8° N./80.9° W.									
11/92-12/95	X	X	X				X	X	
1/96-3/96		X	X				X	X	
4/96-12/96	X	X	X				X	X	
MDRM1									
MOUNT DESERT ROCK, ME									
DACT									
44.0° N./68.1° W.									
8/84-12/84	N	N					N		
1/85-1/96	X	X					X		
2/96	X						X		
3/96-4/96	X	X					X		
5/96-12/96	X	X	X				X		
MISM1									
MATINICUS ROCK, ME									
DACT									
43.8° N./68.9° W.									
9/84-12/84	N	N					N		
1/85-4/96	X	X					X		
5/96-12/96	X	X	X				X		
MRLF1									
MOLASSES REEF, FL									
DACT									
25.0° N./80.4° W.									
12/87-9/90	X	X					X	X	
VEEP									
10/90-7/91	X	X					X	X	
8/91-12/96	X	X	X				X	X	
MPCL1									
MAIN PASS, LA									
BLOCK 133									
DACT									
29.4° N./88.6° W.									
2/88-8/88	X			X			X	X	
9/88	X						X	X	
10/88	X	X					X	X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
MPCL1 Cont.									
VEEP									
11/88-10/89	X	X				X			
11/89	X	X				X	X		
12/89	X					X	X		
1/90	X	X				X	X		
2/90-4/90	X					X	X		
5/90	X	X				X	X		
6/90	X	X	X			X	X		
7/90	X	X	X	X		X	X		
8/90	X	X				X	X		
9/90-1/91	X	X	X		X		X	X	
2/91	X	X	X						
3/91-4/91	X	X	X		X		X	X	
5/91-6/91	X	X	X				X	X	
7/91-2/92	X	X	X		X		X	X	
3/92-4/92	X	X	X				X	X	
5/92	X	X	X		X		X	X	
6/92-7/92	X	X	X				X	X	
NWPO3									
NEWPORT, OR									
DACT									
44.6° N./124.1° W.									
1/85-2/86	X	X				X			
3/86-10/86	X	X				X			8
11/86-2/88	X	X				X			
3/88-6/88	X	X				X			8
7/88	X	X				X			
8/88	X	X				X			8
9/88-11/91	X	X				X			
12/91-1/92		X				X			
2/92-12/96	X	X				X			
PILM4									
PASSAGE ISLAND, MI									
DACT									
48.2° N./88.4° W.									
5/84-12/84	N	N				N			
1/85-2/85	X	X				X			
5/85-6/85		X				X			
7/85-11/85	X	X				X			
1/86-8/88	X	X				X			
9/88		X				X			
10/88-7/90	X	X				X			
VEEP									
8/90-7/91	X	X				X			
9/91-4/96	X	X				X			
5/96-7/96	X	X	X			X			
8/96-9/96	X	X							
10/96-12/96	X	X	X		X				
POTA2									
POTATO POINT, AK									
VEEP									
61.1° N./146.7° W.									
5/95-7/95	X	X				X			
8/95-12/96	X	X	X			X			

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>									
PTAC1									
POINT ARENA, CA									
DACT									
39.0° N./123.7° W.									
10/84-12/84	N	N				N			
1/85-8/85	X	X				X			
9/85-4/87	X	X				X			8
5/87	X	X				X			
6/87		X				X			8
7/87-8/87	X	X				X			8
9/87	X	X				X			
10/87-1/88	X	X				X			8
3/88-6/88	X	X				X			8
7/88-9/88	X	X				X			
10/88-8/89	X	X				X			8
9/89	X	X				X			
10/89-2/90	X	X				X			
3/90-12/95	X	X				X			
1/96-9/96	X	X	X			X			
10/96-12/96	X	X	X	X					
PTAT2									
PORT ARANSAS, TX									
DACT									
27.8° N./97.1° W.									
3/84-12/84	N	N				N			
1/85-9/89	X	X				X			
VEEP									
10/89-12/89	X	X				X	X		
1/90-6/91	X	X				X	X		
8/91-4/93	X	X	X			X	X		
5/93-7/93		X	X			X	X		
8/93-9/95	X	X	X			X	X		9
10/95-4/96	X	X	X			X			9
5/96-12/96	X	X	X	X		X	X		9
PTGC1									
POINT ARGUELLO, CA									
DACT									
34.6° N./120.6° W.									
4/84-6/84	N	N				N			
6/84-7/84		N				N			
7/84-12/84	N	N				N			
1/85-4/88	X	X				X			
5/88-6/88		X				X			
7/88-12/89	X	X				X			
1/89-9/89	X	X				X		X	5
10/89-1/90	X	X				X			
2/90-6/90	X	X				X		X	
7/90-4/91	X	X				X			
5/91-7/91	X	X				X		X	
8/91-3/93	X	X				X			
4/93-8/93	X	X				X		X	
9/93-7/94	X	X				X			
8/94	X	X						X	
9/94-9/95	X	X				X			
10/95	X	X				X		X	
11/95	X	X							
12/95-1/96		X							
2/96-12/96	X	X							

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>									
ROAM4									
ROCK OF AGES, MI									
DACT									
47.9° N./89.3° W.									
10/83-12/84	N	N				N			
4/85-12/85	X	X				X			
3/86-10/86	X	X				X			
10/86-6/87	X	X				X	X		
7/87-9/87	X	X				X			
10/87-1/88	X	X				X	X		
2/88-6/88	X	X				X			
7/88-12/88	X	X				X	X		
4/89-5/89	X	X				X			
6/89-7/89		X				X			
8/89-7/90	X	X				X			
8/90-12/91	X	X				X	X		
1/92-3/92	X					X	X		
4/92-11/92	X	X				X	X		
12/92-2/93	X	X				X			
4/93-5/94	X	X				X			
6/94-1/95	X	X				X	X		
2/95-4/95	X					X			
5/95-9/95	X	X				X			
10/95-1/96	X	X				X	X		
2/96-9/96	X	X				X			
10/96-11/96	X	X		X		X			
<hr/>									
SANF1									
SAND KEY, FL									
VEEP									
24.5° N./81.9° W.									
1/91-4/91	X	X	X			X			
5/91	X	X	X			X	X		
6/91	X	X	X			X			2,4,7
7/91		X	X						
8/91-3/93	X	X	X			X	X	X	
4/93-8/93	X	X				X	X		
9/93	X					X	X		
10/93-12/96	X		X	X		X	X		
<hr/>									
SAUF1									
ST. AUGUSTINE, FL									
DACT									
29.9° N./81.3° W.									
9/86-2/87	X	X				X	X		
3/87-4/88	X	X				X			
5/88-10/88	X	X				X	X		
VEEP									
10/88-12/88	X	X	X			X	X		
1/89-5/89	X	X				X	X		
6/89-10/92	X	X	X	X		X	X		
11/92-3/93	X	X	X	X		X			
4/93-12/96	X	X	X	X		X	X		
<hr/>									
SBIO1									
SOUTH BASS ISLAND, OH									
DACT									
41.6° N./82.8° W.									
9/83-10/83	N					N			
10/83-12/84	N	N				N			

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>									
SBI01 Cont.									
1/85-5/88	X	X				X			
5/88	X					X			
6/88-3/90	X	X				X			
4/90		X				X			
5/90-10/90	X	X				X			
<hr/>									
VEEP									
11/90-2/94	X	X				X			
4/94-8/95	X	X				X			
9/95-12/96	X	X	X			X			
<hr/>									
SGNW3									
SHEBOYGAN, WI									
DACT									
43.8° N./87.7° W.									
10/83-4/84	N	N				N			
4/84-5/84	N					N			
5/84-12/84	N	N				N			
1/85-9/85	X	X				X			
10/85-10/87	X	X				X	X		
11/87	X	X				X	X		
12/87-12/88	X	X				X	X		
1/88-1/89	X	X				X			
2/89-5/89	X	X				X		X	
6/89	X	X				X			
7/89-3/90	X	X				X		X	
4/90-8/92	X	X				X			
9/92-2/93	X	X				X	X	X	
3/93-5/93	X	X				X		X	
6/93-10/93	X	X				X	X		
11/93-1/94	X	X				X	X	X	
2/94	X	X				X			
3/94-6/94	X	X				X	X	X	
7/94	X	X				X			
8/94-12/94	X	X				X	X	X	
1/95-3/95	X	X				X			
4/95-7/95	X	X				X	X	X	
8/95	X	X	X			X	X	X	
9/95-2/96	X	X	X			X			
5/95-6/96	X	X	X			X			
7/96-8/96	X	X	X			X			
9/96-12/96	X	X	X			X			
<hr/>									
SISW1									
SMITH ISLAND, WA									
DACT									
48.3° N./122.8° W.									
1/84-12/84	N	N				N			
1/85	X	X				X			
2/85-9/91	X	X				X			
10/91-12/96	X	X				X			
<hr/>									
SJLF1									
ST. JOHNS LIGHT, FL									
DACT									
30.4° N./81.4° W.									
5/84-6/84		N	N			N			
7/84-12/84	N	N				N			
1/85-9/86	X	X				X			

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>										
SMKF1 SOMBRERO KEY, FL DACT 24.6° N./81.1° W. 2/88-10/89 X X X X X X	12/89-12/90	X	X				X	X		
1/91 X							X	X		
2/91-6/91 X X X X X X							X	X		
VEEP 9/91-12/96 X X X X X X							X	X		
<hr/>										
SPGF1 SETTLEMENT POINT, GRAND BAHAMA ISLAND DACT 26.7° N./79.0° W. 10/85-5/87 X X X X X X	6/87-7/87		X				X	X		
8/87-12/88 X X X X X X							X			
1/89-5/89 X X X X X X							X			
6/89-12/89 X X X X X X							X			
VEEP 1/90-3/92 X X X X X X	4/92	X					X	X		
5/92-3/96 X X X X X X	4/96-12/96	X	X	X			X	X		
<hr/>										
SRST2 SABINE, TX DACT 29.7° N./94.1° W. 2/84-12/84 N N N N N N	1/85-7/85	X	X				X			
8/85-12/86 X X X X X X	1/87-5/87	X	X				X			
6/87-8/87 X X X X X X	9/87	X	X				X			
10/87-12/87 X X X X X X	1/88-10/88	X	X				X			
11/88-12/88 X X X X X X	1/89	X	X	X			X			
2/89-4/89 X X X X X X							X			
VEEP 5/89 X X X X X X	6/89-6/90	X	X				X			
7/90-12/96 X X X X X X							X			
<hr/>										
STDIM4 STANNARD ROCK, MI DACT 47.2° N./87.2° W. 7/84-11/84 N N N N N N	11/84-12/84									
1/85-6/85 X										
7/85-11/85 X X X X X X	12/85-6/86	X	X				X			
6/86-12/86 X X X X X X	1/87-2/87	X	X				X			
										8

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE		TEMPERATURE			OTHER
				NONDIR	DIR	AIR	SEA	DPT	
STDM4 Cont.									
3/87		X				X			
4/87-8/87	X	X				X			
9/87-10/87	X	X				X			
11/87-8/90	X	X				X			
9/90-11/91	X	X				X			X
12/91-2/92		X				X			X
3/92		X				X			
4/92-6/92	X	X				X			X
7/92-6/93	X	X				X			
7/93-10/93		X				X			
11/93-12/93	X	X				X			X
1/94		X				X			X
2/94-5/94	X	X				X			X
6/94-12/94	X	X				X			
1/95-7/95	X	X				X			X
8/95-12/96	X	X				X			
SUPN6									
SUPERIOR SHOALS, NY									
VEEP									
44.5° N./75.8° W.									
8/92	X	X				X	X	X	5
9/92	X	X				X	X	X	
10/92	X	X				X	X	X	5
11/92-12/92	X	X				X	X	X	
1/93-10/93	X	X				X	X	X	5
11/93-9/94	X	X				X	X	X	5
10/94-1/96	X	X				X	X	X	5
4/96-12/96	X	X				X	X	X	
SVLS1									
SAVANNAH LIGHT, GA									
DACT									
32.0° N./80.7° W.									
5/85	X	X				X			
6/85-11/85	X	X				X			
12/85-12/86	X	X				X		X	
1/87-4/87	X	X				X			
5/87	X	X				X			
6/87	X	X				X			
7/87-1/88	X	X				X		X	
2/88	X					X		X	
3/88-4/90	X	X				X		X	
5/90	X	X				X			
6/90-8/90	X	X				X			
9/90-4/91	X	X	X		X		X		
8/91-11/91	X	X	X		X		X		
12/91	X	X	X		X				
2/92	X	X	X		X		X		
3/92	X	X	X		X				
4/92-7/92	X	X	X		X		X		
8/92-9/92	X	X	X		X				
10/92-5/93	X	X	X		X		X		X
6/93-8/93	X	X	X		X		X		
9/93-12/93	X	X	X		X				
1/94-2/94	X	X	X		X		X		X
3/94-8/94	X	X	X		X				X
9/94-12/94	X	X	X		X		X		X
1/95-6/95	X	X	X		X		X		X
7/95	X	X	X		X		X		X

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS		BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>										
SVLS1 Cont.										
8/95-12/95	X		X	X	X			X		
1/96-11/96	X		X	X	X		X	X		
THIN6										
THOUSAND ISLAND, NY										
VEEP										
44.3° N./76.0° W.										
8/92							X		X	5
9/92							X		X	
10/92							X		X	5
11/92-12/92							X		X	
1/93-1/94							X		X	5
2/94-8/94							X		X	
9/94-12/94							X		X	5
1/95-3/95							X		X	
4/95-11/95							X		X	5
12/95-3/96							X		X	
4/96-12/96							X		X	5
TPLM2										
THOMAS POINT, MD										
VEEP										
38.9° N./76.4° W.										
10/85-10/89	X		X				X		X	
11/89-12/89	X		X				X		X	
1/90-1/94	X		X	X	X		X		X	
2/94	X		X	X	X		X			
3/94-12/96	X		X	X	X		X		X	
TTIW1										
TATOOSH ISLAND, WA										
DACT										
48.4° N./124.7° W.										
8/84-12/84	N		N				N			
1/85-8/90	X		X				X			
10/91	X		X				X			
11/91	X		X				X			
12/91-1/96	X		X				X			
2/96	X						X			
3/96-12/96	X		X				X			
VENF1										
VENICE, FL										
DACT										
27.1° N./82.5° W.										
5/86-9/86	X		X				X			
10/86-11/89	X		X				X		X	
VEEP										
12/89	X		X				X		X	
1/90-6/91	X		X	X	X		X		X	
8/91-2/94	X		X	X	X		X		X	
4/94-6/94	X		X	X	X		X		X	
9/94-10/94	X		X	X	X		X		X	
1/95-12/96	X		X	X	X		X		X	

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN FIXED STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>										
WPOW1 WEST POINT, WA DACT 47.7° N./122.4° W.	1/84-12/84 1/85-9/91	N X	N X				N X			
VEEP	10/91-8/94 9/94-12/96	X X	X X	X			X X			

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN WESTPAC STATIONS

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	SEA	DPT	OTHER
<hr/>									
FARP2 FARAULEP, CAROLINES IS. DACT 8.6° N./144.6° E. 10/88-6/89 X X X 7/89-8/89 X X X 9/89-11/90 X X X									
91204 (9A204) ULITHI, CAROLINES IS. VEEP 9.9°N./139.7°E. 11/95-6/96 X X X									
WAAP 3/96-12/96 X X X X									
91222 (9A222) (PAGP2) PAGAN MARIANAS IS. DACT 18.1° N./145.8° E. 7/90-11/90 X X X 12/90-4/91 X X X 5/91-9/91 X X X 10/91-3/92 X X X 4/92-5/92 X X X									
VEEP 6/92-6/95 X X X X									
WAAP 6/95-8/95 X X X X									
VEEP 8/95-11/95 X X X X									
WAAP 11/95-4/96 X X X X									
VEEP 5/96-10/96 X X X X									
WAAP 10/96-12/96 X X X X									
91251 (9A251) (ENIP2) ENEWETAK, MARSHALL IS. DACT 11.4° N./162.4° E. 11/89-4/91 X X X 4/91-2/92 X X X									
VEEP 3/92-8/94 X X X X									
WAAP 8/94-12/94 X X X X									
VEEP 1/95-12/96 X X X X									

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN WESTPAC STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
<hr/>									
91328 (9A328) ULUL ATOLL, CAROLINES IS. VEEP 8.6° N./149.7° E. 3/92-7/94	X	X				X			
WAAP 8/94-9/94	X	X				X			
VEEP 10/94-12/96	X	X				X			
91338 (9A338) SATAWAN ATOLL, CAROLINES IS. DACT 5.3° N./153.7° E. 3/93-7/94	X	X				X			
WAAP 8/94-8/96	X	X				X			
91343 (9A343) (ORKP2) OROLUK ATOLL, CAROLINES IS. DACT 7.6° N./155.2° E. 7/91-9/91 10/91-1/93 2/93 3/93-7/94	X	X	X			X	X		
WAAP 8/94-9/94	X	X	X			X			
VEEP 10/94-12/94 2/95-4/95 6/95-6/96 7/96-12/96	X	X	X			X	X		
91352 (9A352) (PIGP2) PINGELAP ATOLL, CAROLINES IS. VEEP 6.2° N./160.7° E. 9/91-1/92 2/92-6/92 9/92-4/94 5/94	X	X	X			X			
WAAP 6/94-9/94	X	X	X			X			
VEEP 10/94-12/96	X	X	X			X			

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN WESTPAC STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	LAT/LON OPER. PERIOD	BARO. PRESS.	WINDS SPD/DIR	CONT	WAVE NONDIR	DIR	TEMPERATURE AIR	TEMPERATURE SEA	TEMPERATURE DPT	OTHER
91356 (91355) (KOSP2) KOSRAI, CAROLINES IS. DACT 5.4° N./163.0° E. 9/90-4/91 X X X 7/91 X X X 8/91 X X X 9/91-11/91 X X X 12/91-1/92 X X X										
VEEP 2/92-7/94 X X X										
WAAP 8/94-9/94 X X X										
VEEP 10/94-12/96 X X X										
91365 (UJAP2) UJAE ATOLL, MARSHALL IS. DACT 8.9° N./165.7° E. 11/89-1/92 X X X										
91374 MAOLOLAP ATOLL MARSHALL ISLANDS VEEP 8.7° N./171.2° E. 8/96-12/96 X X X										
91377(9A377) (MLIP2) MILI ATOLL, MARSHALL ISLANDS DACT 6.1° N./172.1° E. 12/90-8/92 X X X 9/92-4/93 X X X										
VEEP 5/93-11/94 X X X										
WAAP 12/94-1/95 X X X										
VEEP 1/95-5/95 X X X										
WAAP 5/95-12/96 X X X										
91411 (9A411) NGULU ATOLL CAROLINE ISLANDS WAAP 8.3° N./137.5° E. 11/95-3/96 X X										

NDBC DATA AVAILABILITY SUMMARY

2/28/97

C-MAN WESTPAC STATIONS (CONTINUED)

BUOY ID — PRIMARY (EARLIER ID) PLATFORM CLASS	BARO. PRESS.	WINDS SPD/DIR CONT	WAVE NONDIR DIR	TEMPERATURE AIR SEA DPT	OTHER
91411 Cont. VEEP 3/96-12/96		X		X	
91442 (9A442) EBON ATOLL CAROLINE ISLANDS VEEP 4.6° N./168.7° E. 8/96-12/96	X	X		X	